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WALLACES' FARMER AND Iowa Homestead

Good Farming *Clear Thinking* *Right Living*

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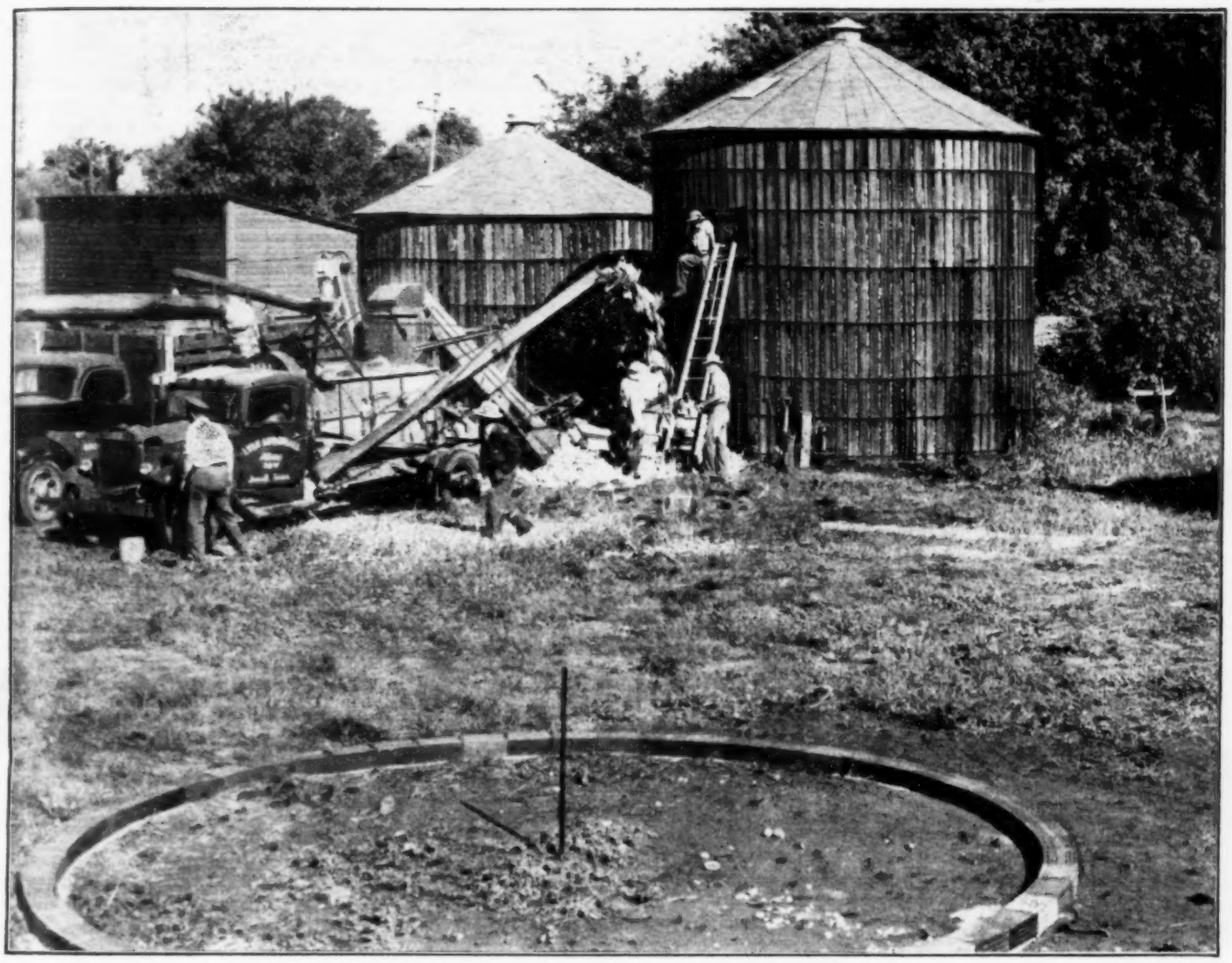

Making room for his 1949 corn crop is Roy Groves, Hamilton county, Iowa. He plans to shell and reseal 2,200 bushels in new bin to be set on foundation in foreground.

Start Big Shelling Job

Pond Keeps Stock Watered . Page 8

How To Hurry Your Pigs . . . Page 10

Who Fixes Up Rented Farm? . Page 22

CORN shellers will be busy in the next two months. Iowa alone has 191 million bushels of corn under seal and purchase agreement.

A lot of this corn will be shelled during September and October. Some will deliver to the government. Others will shell and reseal.

There's a third way to handle corn: Reseal as ear corn right where it is.

Advantages of each method are discussed on page 5.

SEPTEMBER 3, 1949

IOWA'S LEADING FARM NEWSPAPER

HERE'S THE AMAZING NEW MOORE BARLEY

HERE IS A CLOSE-UP of the new Moore Barley, a high-yield variety developed at the Wisconsin State Agricultural Station. In 4 years of tests at Madison, Moore Barley topped all other varieties with an average yield of 57.2 bushels per acre. In 3 years of tests in Iowa, Moore Barley has consistently out-yielded the older varieties. Moore yields a mellow, malting-type, plump white kernel approved by the Federal Malting Laboratories. Moore Barley is also highly recommended because of the unusual stiffness of the straw and good response to fertilizer treatments. Moore is a six-rowed, smooth-awned, medium-tall variety. It is resistant to stem rust, spot blotch, root rot and mildew.

SEE HOW MOORE BARLEY (*left of white stake*) *stands up* far better than older varieties (*right of stake*). This new Moore variety combines exceptionally strong straw with unusually high yield. Repeated field tests prove that the thicker straw stands up better both before and after maturity. Notice how the heads of Moore Barley tend to remain erect at maturity. Very few heads are lost from breaking off in the field before harvest. The hulls of Moore Barley are thinner and stick tighter to the kernel which results in less skinning during threshing. Moore is adapted to crop conditions in the North-Central barley producing areas. Growers are being advised to order their seed early due to the extremely limited supply.

New MOORE BARLEY Is Successor To All Other Barleys 6 Ways:

Supply Limited . . . Don't Be Disappointed . . .
Get Your Order in Today! Mail Coupon Below!

A LIMITED SUPPLY of Moore Barley, the amazing new high-yield, malting variety originated and developed by the Wisconsin State Experiment Station, is now available to growers. The new Moore Barley, a greatly improved variety, has been developed from the Lion, Oderbrucker, Chevron and Olli varieties.

MOORE BARLEY also ranks high as a good finishing and fattening grain for livestock. Barley acreage, greatly reduced by wartime demand for corn and oil crops, is now expected to show a great increase.

BARLEY PRICES are expected to continue high in relation to other grains and farmers searching for a new cash crop are discovering that the new Moore Barley should be extremely profitable. Demand for this new, better Moore Barley seed is steadily growing. Farmers who intend to grow Moore Barley should arrange for their supplies at once in order to avoid disappointment. For free information on obtaining your seed, mail the coupon today.

Here Are A Few Reports From State Ag. Depts:

IOWA: In official Iowa tests at Ames, Kanawha and Marcus, Moore Barley ranked first in yield of all malting varieties.

MINNESOTA: Moore is already on the list of recommended barley varieties as published by the University of Minnesota. Highest yields of all malting types in the University Farm trial plots 1947-48.

SOUTH DAKOTA: "Moore Barley is resistant to stem rust and has a much stiffer straw than does Odessa."

WISCONSIN: "In Wisconsin tests, Moore Barley has yielded more than Wisconsin 38 and has lodged less."

NORTH DAKOTA: Moore has performed well in yield trials and has demonstrated rust resistance and strong straw. Highest yield of all malting types, two-year average, Fargo trial tests 1947-48.

MICHIGAN: "Moore Barley is resistant to mildew and scab under Michigan conditions, and has a very stiff straw."

ILLINOIS: "This variety has proved to be one of our most promising new entries in the barley evaluation trials."

1 **HIGH YIELDING: Demonstrated by state tests throughout the barley producing areas.**

2 **STIFF STRAWED: A barley that combines high yield and exceptionally strong straw.**

3 **OUTSTANDING MALTING QUALITIES: Advance tests indicate Moore Barley will be readily accepted by maltsters.**

4 **RESISTANT TO STEM RUST, SPOT BLOTCH, ROOT ROT AND MILDEW.**

5 **MELLOW KERNEL: Pearls white, thus meeting U. S. Grain grading standards for malting barley.**

6 **THIN HULLS STICK TIGHTER, less skinning during threshing.**

NOTE: ***This is Spring Barley.***

AGENTS: Send for Sales Plan and Full Details Today

Only a limited supply of Cargill High Quality Certified Moore Barley seed will be available for 1950 planting. Cargill and Cargill dealers need agents to introduce this new seed. Act now if you wish to supply the demand in your community. "First Come, First Served." Send for information on prices and our agent's plan without delay.

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CARGILL, INCORPORATED, 200 Grain Exchange Bldg., Minneapolis, Minn.

——MAIL THIS COUPON TODAY——

CARGILL, INCORPORATED, ***Seed Division***
200 Grain Exchange Bldg., Minneapolis, Minn.

DEAR SIRS:

( ) Please quote me prices on _____ bushels of Cargill High Quality Certified Moore Barley Seed.

( ) Please send details of your agent's sales plan.

I estimate that there will be a demand for _____ bushels of seed in my community. (I understand that I am not obligated in any way.)

Name .....

Address .....

City ..... State .....

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FROM "JACK RABBIT" START...
TO "SCALE-BUSTING" YIELD...

you'll say this is the *finest* hybrid you ever planted!

How August Mammen Got

5,175 BUSHELS FROM 45 ACRES

Amazing New "Kernel Koating" Protects Seed, Lets You Cultivate Earlier . . . Can Add Up To 15 Extra Bushels Per Acre

Seedlings from "Kernel Koated" corn get off to jack rabbit start! *Hybridists* Joe Dresch and M. D. McGuire get first-hand proof from Dr. Stuart N. Smith, United's research director, who developed the secret formula that makes "Kernel Koating" exclusive with United.

He Couldn't Make His Whole Farm A Test Plot, So Mammen Planted the Hybrid Corn For All-Around Service . . . UNITED

MEET August Mammen, Lindenwood, Ill.

He's a farmer like you who grows corn for *profit* . . . not for contests! He wants a corn that can "take it" and come through with a high yield. He hasn't time to nurse fantastic yields from "souped-up" test plots, and he knows he can't judge his whole farm's productivity by a few acres.

After trying many other hybrids, Mammen switched to UNITED 100%! Experience proved that, acre for acre, UNITED out-performed every other hybrid!

For instance, last year: Forty-five acres of UNITED yielded 5,175 bushels of corn for Mammen . . . an average of 115 bushels to the acre! (See illustration above of Mammen and *Hybridist* George G. Waite checking yield)

Yes, Mammen knows what thousands of other farmers are fast learning — to get top yield from your *whole* farm . . . rich land or thin . . . come drought or disease . . . *plant* UNITED!

NO OTHER HYBRID CAN OFFER ALL THESE FEATURES!

1. **HYBRIDISTS** . . . *Guidance available from trained experts!*
2. **KERNEL KOATING** . . . *Protects seed, boosts roots, speeds growth . . . adds extra yield!*
3. **TAILORED TO SOIL** . . . *Variety of numbers lets you match corn to land!*
4. **STANDS UP** . . . *Root systems up to 9 feet dig deep for strength, food, moisture!*
5. **STANDS HEAT** . . . *Leaves stay green, don't burn up during hot, dry spells!*
6. **HOLDS EARS** . . . *Ears stay on till picking!*
7. **EARLY MATURITY** . . . *Starts fast, dents quick, dries fast before frost!*
8. **EASY PICKING** . . . *Ears are right height!*
9. **TOP YIELD** . . . *Bred from high yield inbreds plus yield-boosting "Kernel Koating"!*
10. **GOOD FEEDING** . . . *Bred from famous Reid Yellow Dent parentage!*

Plan *now* to plant United next spring. Reserve your seed by contacting your local UNITED representative *today!*

United picks clean! Here *Hybridist* Walt Martens (kneeling) points out to Glen A. Derscheid, Eagle Grove, Ia., how United Hybrids grow ears at right height for easy machine picking.

Ears stay on, dry out fast. Husks open up after denting. Albert De Jung inspects a typical United ear on his Edgar, Neb., farm as *Hybridist* Jim Johnson tells him about this important United feature.

WHAT IS A *HYBRIDIST?**

He is a specialist. He knows hybrid corn in all its phases. His free services are available only through United.

**"Hybridist" is the copyrighted name which identifies the trained experts of the United Hybrid Growers Assn.*

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UNITED HYBRID

UNITED HYBRID GROWERS ASSOCIATION

Central Sales Office: Omaha 7, Neb.

Good News For Lamb Feeders!

A Typical case of Overeating Disease
Photo Courtesy Colo. Agri. Exp. Sta.

Now You Can Push Lambs on Full Feed Lamb Down Corn Fields Without Worry

This news may mean greatly increased profits for you, if you are planning to feed lambs this fall.

A new bacterin has been developed by veterinary science which prevents overeating disease (Enterotoxemia). After three years' research and exhaustive tests in the laboratories of The Corn States Serum Company, it was successfully used on over 900,000 lambs last season. From New York to Texas, from California to Carolina, and all states in between, feeders everywhere found that it practically did away with overeating disease losses.

Reports from Feeders

A Montana feeder says: "I had 3,250 lambs vaccinated for overeating disease—lost only 5. Had lambs on self-feeders all the way. Won't feed any more without using it."

A big Sheep company reports: "Results of high gain and no death loss—will revolutionize lamb feeding in the Corn Belt."

Says an Iowa farmer: "Ran these lambs in corn field; a lot of corn on the ground. Lost only 3 lambs, and not more than one died of overeating disease."

Call Your Veterinarian

This bacterin is now available to protect *your* 1949 lamb feeding profits. Just call your veterinarian. Only one treatment is necessary. Here is what it can do for you:

1. You can lamb down corn fields, graze wheat, bean and pea fields,
2. Self-feed in the feed lot,
3. Get lambs to market faster,
4. Make more profit from faster gains.

ALL WITHOUT WORRY from OVEREATING DISEASE

And what about cost? One or two lambs saved will pay the cost of having about 100 lambs vaccinated. Call your veterinarian before lambs go into corn fields or feed lots. Allow about 10 days after vaccination for full immunity to develop. Then PUSH your lambs without worry. Get them to market faster. Get full profit from lamb feeding.

And if you have not been feeding lambs because of losses from overeating disease—you can safely start now. Your veterinarian can give you full information.

THE CORN STATES SERUM CO.
Omaha, Nebraska

"Nothing is righter named than a hog," Gene Stratton Porter once wrote, and these two certainly display that well-fed, contented look. Picture was taken in Pottawattamie county, Iowa.

INSIDE STUFF

HOW MANY straw stacks were burned in your neighborhood this year? "I used to drive from St. Paul to Des Moines by the light of burning straw stacks," a friend told me the other day.

▲ ▲

THAT DOESN'T happen any more. Why? Do farmers think more of straw as feed, bedding and fertilizer?

▲ ▲

OR HAVE the combine and baler made it easier to store the straw you want? And to leave the straw you don't want on the ground, to be plowed under?

▲ ▲

LAST MONTH was vacation time for a good many farmers as well as for other people. I met farmers fishing up in northern Minnesota. And I've run across them in New York and Chicago.

▲ ▲

DEATH of Harvey Ingham, veteran editor of the Des Moines Register, takes away a man who did good work for the McNary-Haugen bill, the AAA and other causes dear to farmers' hearts. Our readers will agree with the tribute paid by Dante M. Pierce, publisher of Wallaces' Farmer and Iowa Homestead:

▲ ▲

"FRIENDS of agriculture should feel the loss of Harvey Ingham particularly. As an Iowa editor for 60 years, he often sponsored the farmer's cause. He helped interpret farm and city people to each other. I am deeply moved at his passing."

▲ ▲

TO FARMERS who find it hard to make any sense out of the jangle of farm legislation in Washington, I'd suggest: Keep your eye on the cotton and tobacco bloc.

▲ ▲

COTTON AND TOBACCO men are insisting on high, rigid supports for their crops, with allotments and quotas to back up these supports. They are getting what they want.

▲ ▲

HOW DID THEY DO IT? Pressure was turned on Secretary Brannan first. He accepted high, rigid supports for cotton and tobacco. But he added still higher supports for meat and milk to encourage more cotton and tobacco men into livestock production.

▲ ▲

NEXT DRIVE of the cotton and tobacco bloc was on the AFBF. The Bureau had come out for flexible supports that would guide production by shifting prices up and down. But, to avoid a split in the Farm Bureau, the AFBF agreed to back high, rigid supports for cotton and tobacco.

▲ ▲

COTTON AND TOBACCO men are getting what they want now. Are they getting what's good for them?

▲ ▲

THEY THINK SO. But they are taking the great risk of piling up supplies, of losing more foreign trade, or getting themselves in the same trouble they were in before the war.

▲ ▲

CORN MEN shouldn't feel superior to these southern farmers. We're in much the same kind of situation. Only it is easier to use up surplus corn than to use up surplus cotton.

▲ ▲

TO USE UP a corn surplus, we'll have to feed it to livestock. To avoid a meat-and-milk surplus, consumers will have to live well, eat hearty.

▲ ▲

HOW DO CORN FARMERS fix things so that consumers can do just this? That's the corn belt puzzle.

DONALD R. MURPHY.

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Gerald Hanken, Hamilton county, Iowa, has bin for sealing purchase agreement corn.

Corn Moving Time Near

More Crib And Bin Space Is Needed On Farms

By HOMER HUSH

HAVE you been watching and waiting as the corn storage problem approaches? You can't wait much longer. September and October are delivery months for sealed corn and corn under purchase agreement.

The new corn crop is far ahead of schedule. Corn husking will be early unless we have a wet fall.

The prospective crop, the need for corn storage and the government program should be pretty well known now. But there are still some questions being asked.

Is the new corn crop big enough to make a nation-wide storage problem?

A dozen counties in the cash grain producing area of Iowa have been hurt some by drouth. Some sections of the Dakotas have been hurt. But there have been no reports of material damage in Nebraska or the eastern corn belt.

The yield per acre may be down a little from the record yields predicted in August, but we will still have a big corn crop. Added to the biggest carry-over on record, the corn storage problem is also the worst headache of that kind on record.

Is there any chance that the market will take enough corn to relieve the corn storage headache?

Bids for December corn have been going down slowly from July thru August. December futures indicate that December corn will be under one dollar per bushel on farms.

The market will continue to absorb some corn. But for the industrial users of corn to take enough to absorb the farm surplus would be impossible, because plant capacity is not sufficient. No area has a big feeder demand.

There is no present market for this big corn supply farmers have on hand. Someone has to store it.

Why does the government ask the farmers to reseal the corn rather than buy bins and store the corn itself?

There are about 191,000,000 bushels of corn under seal and under purchase agreement in Iowa. Government-owned storage space will total about 60 million bushels.

Elevators and warehouses can take 10 to 15 million bushels. There is some other off-the-farm storage that can be used.

But that leaves 100 million bushels of corn homeless, unless resealed on the farm, says John J. McLaughlin, of the Iowa State PMA.

PMA men say that every effort will be made to get storage space for corn, but there might be some delay. PMA officials argue that on-the-farm storage is best for farmers. Then they point out the inducements offered to farmers who reseal.

What does the corn resealing program offer for storage on the farm?

You get 10 cents per bushel for storage. This payment is made when the corn is delivered to the government.

And you can get a loan for buying or building cribs or bins. The loan bears 4 per cent interest. It is payable in annual installments. You can borrow 85 per cent of the cost of a crib or bin, but not to exceed 45 cents per bushel capacity.

Either sealed corn or corn under purchase agreement is eligible for the resealing or the bin and crib loans. Any corn producer is eligible for the loans whether he seals corn or not.

Are there advantages to be gained from resealing in addition to the 10-cent storage payment?

You keep the corn on the farm. You still own the corn. If there were a short crop next year, you could pay the note and repossess the corn. Then you could market the corn if it were profitable to do so. Or you could feed it.

In the drouth year of 1934, lots of farmers paid the loan on sealed corn and fed it. Others redeemed the corn and sold it at a profit.

We could have another short corn year soon. We have had above-normal summer rainfall and big corn crops for seven of the last eight years.

More corn storage on the farm should stabilize the corn market at harvest time, even after the present corn storage troubles are over.

What are the costs attached to resealing and keeping corn on the farm?

Of course, there is the cost of providing and keeping up a crib. This cost is much less than the 10-cent storage payment offered. Here are examples:

If a 3,000-bushel semi-permanent crib cost $750 to build, and if it would last 10 years, the cost per bushel per year is 2½ cents. After interest on the money and upkeep are considered, the cost per bushel will still be under 3 cents.

If a bin for storing shelled corn costs 20 cents per bushel of capacity, and lasts 10 years, the annual cost would be 2 cents. If a better bin costs 30 cents per bushel capacity, and was good for 15 years, the annual cost per bushel would also be 2 cents.

Taxes on old corn resealed on the farm will be a flat 25 cents per 1,000 bushels in Iowa. The tax on resealed corn amounts to almost nothing. But the tax on unsealed corn of the 1948 crop may be 2 or 3 cents per bushel, or more, according to the tax rate in the district.

What if corn is too wet to shell and seal in a bin?

This brings a problem which may solve itself and may not. Corn must be down to 13½ per cent moisture to be sealed in a bin.

In July and August, many cribs of corn had 14 to 15 per cent moisture. The high moisture content was caused by the humid air which has overspread the corn belt during most of the summer.

The air may get dryer in September and October. If it does, and if there are not too many heavy rains, the corn will get dry enough to seal as shelled corn. Cribs should be probed and the moisture content taken before shelling starts.

Cribs of corn that do not get dry enough to shell and seal can be resealed in the ear. Corn under purchase agreement would have to be in cribs that would meet the crib rules for corn sealing.

If I decide to cooperate in keeping the corn surplus on the farms, how many ways are there to proceed?

There are several. You can shell sealed corn or corn under purchase agreement and seal under the resealing agreement. Then you can put your new corn crop in the cribs.

You can seal the ear corn in the cribs where it is. Then you can buy or build cribs for the new crop. Temporary cribs can be used for corn that will be fed this winter.

Or, you can shell some and reseal some in the ear. The dryest corn can be binned. Loans are available if needed to build or buy either cribs or bins.

Editorials

Farm Less And Farm Land Well

WHEN farm prices are rising, it usually pays, financially, to spread out and farm all the land you can rent.

But, when farm prices are falling, and when farm costs are high, it may not pay to farm that extra 40 acres.

Many farmers found that out in the boom and bust that came with World War I. Some will remember well.

Along about 1918, when corn was $1.50 to $2 per bushel, farmers who expanded operations made lots of money.

They made so much money, in fact, that they thought good corn land was worth $400 to $500 per acre.

But when corn went down to 50 cents, then 25 cents, and even 10 cents, it was the farmers who had expanded that went broke first.

What makes the difference? Why doesn't it always pay to raise all the acres of grain you can handle?

When prices fall and costs rise, grain may bring less than the cost of production. Then, the more you raise the more you lose. That's what happened after World War I.

It may not happen that way this time. But should farmers continue long, wartime hours trying to farm extra acres? Is there an easier and safer way to operate?

Of course, no one should reduce operations below the point where efficient use of farm machinery is possible. That would increase costs per bushel.

But now may be the time to farm less and farm better. Spend less time on the tractor and more with the livestock. There's no use to work yourself to death if profits are uncertain.

If Eggs Go Down

Farm women have their own ideas on how egg prices should be supported. Mrs. Leo F. McCormick, Henry county, Iowa, says production payments sound sensible to her. For other views and the report of a Wallace-Homestead Poll, see page 10.

Tell Your Leaders How You Stand

DO Farm Bureau members agree with their leaders on price supports? Some people say they don't. So the Iowa Farm Bureau is making an extra effort to get the opinions of all its members.

You can help by attending your township annual meeting. This is your chance to back up or disagree with your leaders.

Here's Way To Help Yourself

SOMETIMES these words are heard when corn resealing is the subject discussed: "Oh, yes, I'll help them out—I'll reseal some of my corn."

That is a fine cooperative spirit. But maybe it should be made clear just who is being helped.

You are not helping "them" when you reseal corn. You are helping yourself in the long run.

Holding corn on the farm under seal will (1) support the corn market this fall and winter, (2) reduce demand for restrictive measures in the farm program, (3) insure you against a short crop next year.

How cheap would corn be if there were no loans on sealed corn?

Save Soil By More Grass Acres

WHEN you think about soil conservation, think about grass. There is no soil saving without grass.

Contouring is important on sloping fields. Terracing is necessary on steep land. These are "must" practices for grain farming in many cases.

But both contouring and terracing are defensive measures. They help hold the soil after the plow destroys the grass protection.

Grass farming builds the soil. It fits everywhere, whether land be hilly or level.

If you have felt that you should do more about saving the soil, plan to increase the percentage of grass crops in your rotation.

Then manure, fertilizer and contouring will show their greatest benefits.

Will Feeders Go Hog-Wild?

TWO bumper corn crops have come in a row. An enormous feed supply is ahead for a year or two at least. That sounds good.

But a big feed supply requires good management if farmers are to make money out of it. Handled in the wrong manner, a big feed supply can be upsetting to farm business.

One danger is that the balance might be upset between grain and livestock production. Something near to balance is necessary for general farm prosperity.

Suppose farmers were to increase livestock and poultry on farms in line with present feed supplies? What would happen when normal or short crops came again?

THERE would be forced livestock sales. A vicious turn in the corn-hog cycle would start. Feeders of cattle and sheep might take losses in competing with big pork supplies.

In addition, a terrific strain would be put on the administration of any kind of farm program. Costs and restrictions would multiply.

A surplus of hogs could be worse than a surplus of corn. You can store corn on your farm under your own control.

Big Corn Supplies Must Be Used In Some Way

TO overexpand livestock and poultry numbers would not be a good thing for farmers' incomes. But there might be danger in the other direction, too.

If farmers count too much on corn loans, if they should fail to make increases in feeding programs, then the balance between grain and livestock production would be upset in another direction.

The corn has to be used up. We can't just pile it up on the farms and wait for a war or a drouth. Planned increases in livestock are justified.

More livestock feeding will reduce the total surplus of food. A family can eat more corn in the form of meat and livestock products than the same family can eat as bread or breakfast food.

So it seems like good farm policy to increase livestock numbers as farmers are doing. But where should it stop?

IF LIVESTOCK numbers are increased to where an average corn crop will be consumed each year, that would be good, safe practice.

Remember that an average crop is bigger than it was 15 years ago, before hybrid corn. But an average crop is not as big as we have had the last two years.

Feed a little more than you have been feeding. But don't try to feed up all your corn this year. Bumper crops will not continue indefinitely.

Keep a reserve of grain on the farm. The corn loans and the resealing program will help you do this.

Some of the violent up-and-down swings in livestock numbers should be avoided if farmers could find the proper balance between grain and livestock production.

SUCH a program of balanced grain and livestock production has benefits for other groups, too. These benefits will reflect to the farmer's advantage.

A steady flow of food to market is better for consumers. A higher ratio of meat and livestock products gives consumers a more healthful diet. Balance between grain and livestock production will have a stabilizing effect on business.

Balance between grain and livestock production is always worth trying for. It is most important at a time like this when feed surpluses are threatening markets.

What Do You Want Most As A Farmer?

"WHAT do farmers want?" The question came from an easterner who had been a corn belt farm boy.

"As I remember it," the ex-farm boy went on, "my (pioneer) grandfather wanted land, and not much else. When he got lots of land, he deeded all but an 80 to the boys. That 80 was reserved as his security."

The easterner recalled the names of several pioneers who had followed this practice. Then he continued:

"Dad wanted more. Of his group, it was said that 'he just wanted the land which joined his.'

"But Dad also wanted an education for his children. 'So they wouldn't have to work as hard as he did,' he said.

"Now, what is the farmer's ambition in life?" the city man asked, as he turned to the editor.

"The boys and girls of your generation who stayed on the farm wanted 'things'," the easterner was told. "They wanted automobiles, big machines to farm with, bathrooms, and all kinds of gadgets for home and farm.

"Even if it 'ruined the country,' as the old folks said, the third generation from the pioneers wanted things to play with and work with. They wanted land, too, but it sometimes seemed that gadgets came first."

But that didn't answer the first question: "What do farmers want now?" This answer was offered:

"This generation of farmers wants all of the new things, including modern homes. They want education for their children, and they want land. Farmers also want recognition from the rest of society for the part they are playing in the national economy."

Not all farmers want all of those things. Some have them in different order of importance. Maybe other desires are included by some.

What would be your answer?

When To Market Hogs?

NO ONE is smart enough to tell you just what week to sell hogs this fall. But here are a few facts that might indicate market trends:

1. It is normal for hog prices to go down in the fall. December hog prices were lower than September hog prices in every year but one of the 23 years between the two world wars.

2. The U. S. spring pig crop which is starting to market is a big one. Estimates are for 59 million pigs. That is two million more spring pigs than the average of the seven years, 1942 to 1948?

3. The big spring pig crop going to market was farrowed earlier than the 1948 crop. The rush to market which usually comes in October may come earlier this year.

4. Price supports on hogs are $18.50 for good and choice hogs at Chicago until September 24. Then the floor is $18.25 until October 1.

5. The October to December supports by weeks are not set, but are to average 90 per cent of parity as of September 15.

6. The hog support price for this hog crop is expected to work lower from October to December, as it did in 1948. Last year, the supports, which were not needed, began at $17.50 in October, and went down to $15.25 on December 25. Parity price of hogs will be a little lower this year.

Odds *and* Ends

THE Iowa tax on old corn under seal will be 25 cents per 1,000 bushels for 1950. New corn is not taxed at all whether sealed or not. Old corn not under seal is taxed as personal property, and bears the tax rate in your local district.

THE 25 cents per 1,000 bushels tax on sealed corn over one year old is the same tax rate paid by elevators. The contract with the government makes you a "grain handler," under an opinion by Iowa Attorney-General Robert L. Larson.

HERE is an example of the tax that might be paid on old corn not under seal. John W. Barnes, of the Property Tax Division, prepared the figures:

A FARMER having 1,000 bushels of unsealed corn over one year old would have to report the corn to the assessor. If the corn was valued at $1 per bushel, the 100 per cent valuation would be $1,000. Iowans pay tax on 60 per cent, so the amount taxed would be $600. If the tax rate in the district in which the corn is located is 50 mills, then the tax would be $30 on 1,000 bushels of unsealed old corn.

SO IOWA farmers don't need to fear taxes on old corn which is resealed under the government program. The tax is 25 cents per 1,000 bushels when sealed, and may be 100 times that much on old corn that is not sealed. Sealing old corn almost amounts to tax exemption on it.

WHY do companies who sell goods to farmers also ask them to buy U. S. Savings Bonds? One answer is: "A customer who buys bonds is going to be a solvent customer and a good customer for a long time."

TEXAS reports a yield test between open-pollinated strains and hybrid corn. Hybrids made 34.5 bushels and open-pollinated corn 22.1 bushels to the acre.

THAT sounds like Iowa in 1923. By 1926, in Iowa, it was clear that open-pollinated corn was outclassed, and that hybrids had to compete amongst themselves.

"SUPPOSE you go to war, you can not fight always; and after much loss on both sides and no gain on either, the identical old questions as to terms of intercourse are again upon you."—Abraham Lincoln.

EVERY time 100 married men die, 141 single men go to the undertaker. That's what medical researchers say. Still unsettled is the question of whether marriage makes men tough, or whether only the tough ones marry.

Song of the Lazy Farmer

THE birds that I feel sorry for are those who can't help gettin' sore when folks with whom they're arguing do not agree on everything. My neighbor is one of those guys who thinks that he is just as wise as it is possible to be — at least four times as smart as me. So if I dare talk back at all he starts to overflow with gall; his face gets red, his chin sticks out, and all he does is rave and shout that he is wastin' time with me because of my stupidity; for days he's got blood in his eye, long after he's forgotten why.

For my part, I have too much fun arguin' with most anyone to get upset whenever we discover that we don't agree; the only way to learn I find, and sweep the cobwebs from my mind is list'nin' to what others say on major topics of the day. That's why, tho I know neighbor's not blessed with the brains that I have got, I do my talkin' with a smile and stay my calm self even while he pours insults upon my head that would make many men see red; besides, I realize that he is almost twice as big as me.

Perfect spot for recreation is the dam on the Harold Divine farm, in Warren county, Iowa. Here, neighbors (left to right) Mr. and Mrs. George Andrews and Byron Johnson, enjoy a swim as Divine looks on. Sand was hauled in to make bathing beach for adults and play area for children. Pond has fish, too.

Build A Pond

If You Like Fishing, Or If You Need Water For Livestock, Put Up A Dam

By LEE THOMPSON

YOU don't need to go to Minnesota for good fishing. You don't need to spend a lot of money drilling a well for watering livestock. You don't have to drive miles to a good swimming or picnic spot.

You don't need to—if you have a good farm pond.

Harry Powers, farmer and feeder of Appanoose county, Iowa, has a pond in the corner 40 of a 160-acre pasture. He runs 35 to 40 head of cattle there thru the summer. The pasture is out of sight of his house. But Powers never worries about water for his cattle. A pipe takes water from the dam to a tank set below the bank. The stock tank is always full.

Keith Sumbquist, Lucas county, Iowa, sees farm ponds as insurance against water shortages. He built his present dam in 1946 on an old damsite that had silted full. Usually, it was too wet to farm, Sumbquist says. So it was a natural spot for a pond.

Sumbquist is thinking about building a second dam closer to his home buildings. Then he hopes to have a more dependable water supply. "During the dry spell last year, I had to use three wells to water 100 head of hogs, and my milk cows, when one should have done the job," he said.

In Monroe county, a whole family of fishermen get a lot of enjoyment out of the pond on the Walter Gardner farm. Mr. and Mrs. Gardner and their three sons—Clyde, Ray and Walter, Jr.—all go fishing. Gardner estimates that a thousand bluegills and crappies have been taken from their pond this summer.

For an all-around recreation spot, it's hard to beat the pond (almost a lake) built by Harold Divine, Warren county, farmer. Divine built his first dam four years ago. The next year, it was stocked with bass and bluegills by the Iowa Conservation Commission.

Then the dam washed out. Last year, Divine built a second dam, longer and wider, behind the original grade. He restocked the pond, this time at his own expense. Now he has 12 acres of water in the two ponds. Divine had sand hauled in to make a beach at one side.

Slope to deep water is gradual there. And the sand beach makes a fine play area for children.

Often, the farm pond will pay for itself. Powers and G. E. Eddy, also of Appanoose county, have dependable, worry-free water supplies for their livestock. Divine's big pond keeps water from the hillside 40 from flooding over his lowland crop-producing acres.

Cash outlay for a small pond may run from $250 to $400. Bigger ones naturally cost more. But, properly constructed and used, a pond will pay for itself in helping control water run-off, supplying water to livestock, and by providing farm families nearby recreation and food.

Few people realize the amount of food that can be produced in a properly managed farm pond. A combination of bass and bluegills works best in small ponds (five acres or less). About 100 bass and 300 bluegills should be stocked for each surface acre of water.

According to USDA figures, good fishing management means removing from a good one-acre pond, by hook and line, something like 40 to 50 one-pound bass and 600 to 800 quarter-pound bluegills each year. That's a total of 200 to 250 pounds of fish each year. That figures out to be four to five pounds of fresh fish per week. If your pond is bigger, your take would be correspondingly higher.

If you build a pond, you may be able to get the State Conservation Commission to stock it for you. The Iowa commission has figured out the requirements of a pond to support fish thru the winter months. To be eligible for stocking, it must have: (1) At least a half-acre of surface water; (2) a minimum depth of 8 feet at deepest point; (3) a fence or other protection to keep livestock from wading in the water; (4) enough water-shed to maintain water supply, but not big enough to wash out the dam during heavy rain; (5) location on uncultivated land or where soil erosion is not excessive.

Not a Keeper but fun to catch was this bluegill caught by Ray Gardner, son of Mr. and Mrs. Walter Gardner, of Monroe county, Iowa. Ray and his brothers, Clyde and Walter, Jr., spend a lot of time at the pond on their dad's 200-acre farm.

His Stock always has plenty of water right at hand, says G. E. Eddy, an Appanoose county, Iowa, farmer. The tank is filled from dam in the background. Float in tank controls flow of water from dam. "Sooner have a good pond than a well," Eddy says

Fencing, Building, Plowing, Pasture Improvement, Silo Filling

Who Says It's "Slack Season"?

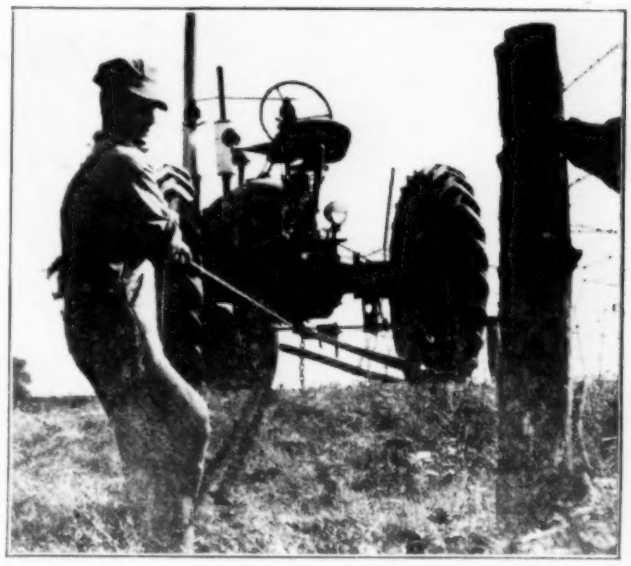
Glenn Stevens, Hamilton county, Iowa, is building 140 rods of new woven wire fence.

AND to the above list of jobs we could add manure hauling, cement work, corn shelling, weed mowing or spraying, third cutting of hay, terrace building . . .

Laying of tile, filling up mudholes, painting, fixing up the laying house, grinding feed, looking after the fall pigs, not to mention taking time out for the 4-H achievement shows and a trip to the State Fair.

Pictured on this page are just a few of the many jobs Iowa farmers have been doing. Pictures of other farmers doing other important fall tasks are scattered thruout this issue.

With all these jobs to attend to, it doesn't seem quite right to call this busy time of the year a "slack season."



Over In Webster county, Iowa, Jess Osborn also has fence to build—400 rods of new fence plus rebuilding 100 rods of old. War-time wire and post shortages are over.

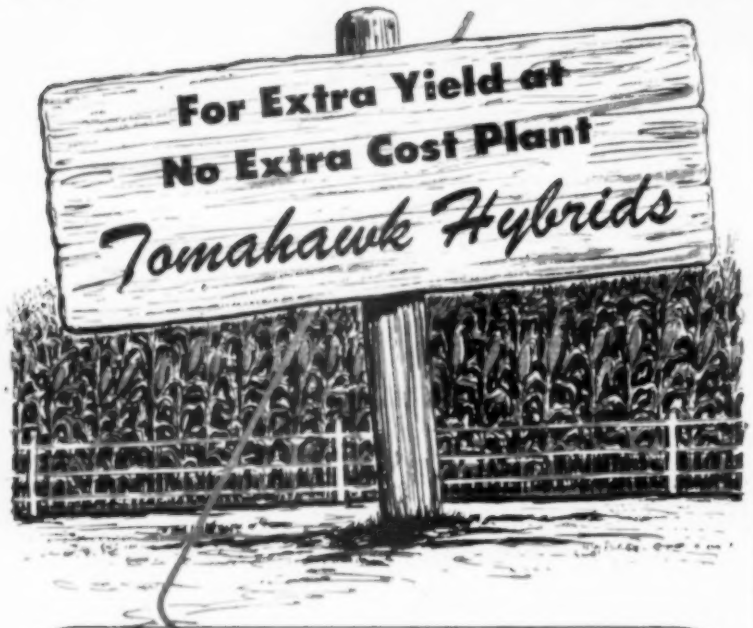
Alfalfa seeding is being clipped by Ed Harman, Mills county, Iowa. He sowed this with oats as a nurse crop, but says: I'll take my alfalfa seeded straight after this." Too many weeds this way.

Plowing is another fall job. George Welty, Fremont county, Iowa, is plowing wheat stubble on the East Nishnabotna bottom. Tho he lives in Fremont, picture was taken in Montgomery county.

More fence to be built. County widened road, so A. W. Hunt and son Dean, Montgomery county, Iowa, have to build new fence.

There will be room to reseal 5,000 bushels of shelled corn when Art and Howard Clausen, Webster county, Iowa, finish this building.

Surface water kept this 40 wet; new ditch on John George farm, Jefferson county, Iowa, will stop that.



It takes just as much work to plant and cultivate a low-yielding hybrid corn as it does to plant superior, higher-yielding hybrids. To see that the hours you spend in the field pay off in better yield . . . better profits . . . plant a BETTER hybrid seed corn — PLANT SUPERIOR TOMAHAWK HYBRIDS!

On the official 1948 Iowa Corn Yield Test, Tomahawk Hybrids proved their superior yielding ability under actual growing conditions. For example, on the Southern testing plots, Tomahawk produced 31.02 bushels more per acre than the lowest yielding hybrid entry. Listed below are yield differences showing the superiority of Tomahawk in all sections of the 1948 Iowa Corn Yield Test.

Section of 1948 Iowa Corn Yield Test	Acre yield of TOMAHAWK above average of all entries
Northern	5.93 bushels
North Central	4.15 bushels
South Central	10.15 bushels
Southern	13.11 bushels

Don't pass up the EXTRA PROFIT that comes with EXTRA YIELD. . . . See your local TOMAHAWK HYBRID dealer now and place your order for next year's seed corn. Your Tomahawk dealer knows the corn grower's needs, and he will help you select the Tomahawk Hybrid variety best suited for your soil and growing conditions. For higher yields in your own fields, order Tomahawk Hybrid Seed Corn today.

See Us At:

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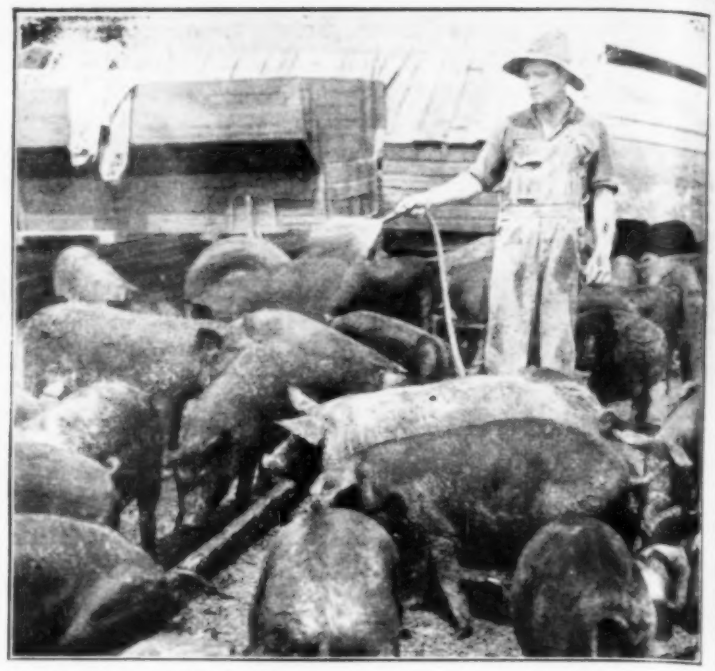
North Iowa Fair, Mason City, Iowa, Sept. 1-5
Dairy Cattle Congress, Waterloo, Iowa, Oct. 3-9

THOMPSON TOMAHAWK BRAND

THOMPSON HYBRID CORN COMPANY
BELMOND, IOWA



Crotty Bros., of Palo Alto county, Iowa, have 602 spring pigs! 475 of them are this size. At noon each hot day the pigs get a chance to cool off under the sprinkler. Cooling the pigs off helps their appetites. That means they will eat more feed and make faster gains.

What's Best Way To Hurry Pigs?

Some Farmers Say Leave Them On Pasture; Others Prefer To Finish In The Dry Lot

To the Editor: My spring pigs weigh 140 to 160 pounds, are on pasture with a full feed of shelled corn, ground oats and supplement. I want to hurry them along so I can move them while the support is above $18. Would I do well to finish them in a dry lot now?—E. E. J., Adair County, Iowa.

YOU might get faster gains if you confined the pigs, but for various reasons most Iowa hog raisers seem to like to finish early pigs right on pasture.

For one thing, dry-lot gains are apt to be more expensive, if your legume pasture is still good. At least, that is the idea of Crotty Bros., Palo Alto county, Iowa, pork producers.

They have 602 spring pigs. The early bunch of 475 is on pasture now. They weighed about the same as yours when you wrote your letter.

"Right now," one of the brothers explained, "the 475 pigs are eating 300 pounds of 40 per cent protein supplement per day. We might finish them faster if we shut them up, but I'll bet the protein consumption would be more than doubled."

"Yes, and when you butcher you can't even sell lard back to the locker plant. So why produce a lot of extra lard?" another of the boys chimed in. "The pigs on pasture will make better quality pork and more lean meat."

So they will leave their early pigs on pasture. The later ones will be finished in the dry lot. But they are late enough that pasture will be gone and winter weather here before they go to market.

One thing Crotty Bros. do is speeding up gains, they feel: Each noon on hot days they sprinkle the hogs. That cools them off. By 3 p. m., you'll see pigs out eating. But if you don't sprinkle them, at 3 p. m. they'll just be in under the shade, trying to get cool.

The more you can get a meat animal to eat, the faster he will grow. Some days are still plenty hot. So watch water and shade.

Other farmers who are anxious about hog prices, just as you are, help the pigs eat at night with lights near the feeder. Others use slop as an appetizer, tho that is a lot of work.

It might be that you have a concrete feeding floor or cool central hog house you can use while the pigs are still on pasture. You can keep that wet, and cool the hogs off. If you want to use it, don't worry about letting the pigs off clean ground. Let them run to the house.

By the time they grow to 150 pounds on clean ground, you don't expect much trouble from parasites if you move them to the lots.

You must consider, too, the extra work in moving the hogs. It may take a few days to get them started on a new ration in new quarters, in the opinion of Ernest Peterson, of Buena Vista county, Iowa.

All in all, most farmers don't follow the practice of taking their hogs off pasture at this time of the year. They may—the same as you—be anxious about the market. And a lot of them are topping their herds as fast as pigs hit 200 pounds.

You can help get fast gains by taking good care of your pigs at all times. See that the water is close to the feed. See that the pigs have enough supplement and minerals. Do something to keep them cool. In addition to shade, build them a wallow or sprinkle them. Help them eat constantly. That's what grows a pig.

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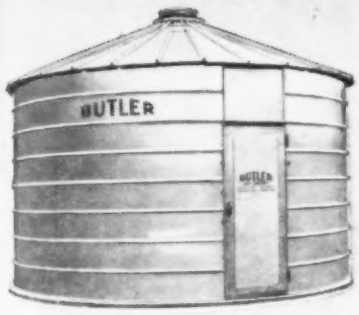
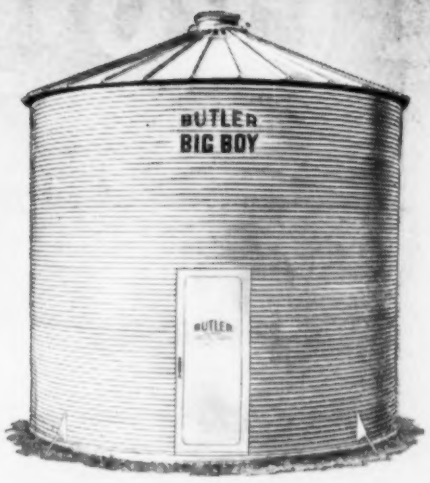
No Waiting...



1,000 BUSHEL

2,200 BUSHEL



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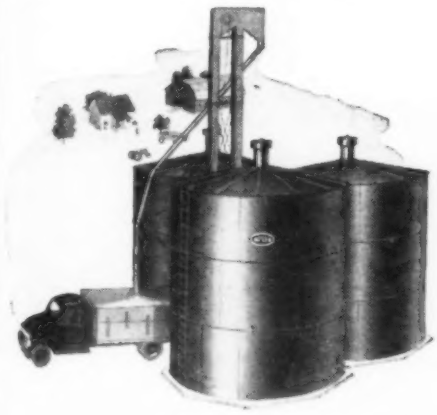
GRAIN BANKS

1,000 BUSHEL
Butler Long Life Junior Bin 14 Ft. x 8 Ft. Complete with steel bottom, steel foundation band and anchoring lugs. See Your Dealer.

2,200 BUSHEL
Butler Long Life Senior Bin 18 Ft. x 11 Ft. Like the Junior except heavier galvanized steel. Comes with angle iron ladder, adjustable platform ventilator. See Your Dealer.

3,276 BUSHEL
The Butler Big Boy is used successfully to store millions of bushels of grain. 18 Ft. x 16 Ft. Equipped with angle iron ladder, anchor plates, and take-up anchor rods. See Your Dealer.



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Complete Unit for storing, elevating, turning and loading out grain. Price erected approximately 50c per bu.

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Especially Designed with Extra Strength For Grain Storage as Low as 17c bu. Also an excellent Utility Building for Many Other Farm Storage and Sheltering Purposes.

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Never before was there a better opportunity to equip your farm with grain storage facilities—not only to take care of today's needs—but for the years ahead.

The Government will lend most of the cost of Butler Galvanized Steel Grain Bins or Steel Buildings. You can make an initial investment amounting to only a small part of the purchase price. You can earn your initial investment back in storage fees paid by the Government.

The commodity loan on your grain is in effect a sale at support price. The difference between support price and market price could amount to enough to offset a large part or all of the loan on your Butler Steel Bins or buildings.

IMMEDIATE DELIVERY. 3 Mid-Western Butler factories are going full capacity. Immediate delivery is being made to Butler dealers on the 1,000, 2,200 and 3,276 bu. bins. No need to take any but the leader—the bin that gives you the biggest value for your money.

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Workday Pointers

KEEPING FARM ANIMALS well fed, clean and comfortable is a protection against all kinds of diseases.

▲ ▲ ▲

VACCINATING livestock against shipping fever should be done about two weeks before the animals are shipped.

▲ ▲ ▲

A PATCH OF WINTER RYE will lengthen the pasture season for your hogs. Sow it now if you want both late fall and early spring pasture.

▲ ▲ ▲

BOARS MAY GIVE brucellosis (Bang's disease) infection to sows. But bulls are not considered to be an important factor in spreading the disease among cows.

▲ ▲ ▲

OVERGRAZING pastures in late fall causes water to run off during fall and winter rains. That is one reason for reduced yields of pasture grass in the spring after overgrazing the fall before.

▲ ▲ ▲

IF PASTURES are short, green corn, chopped stalks and all in a silage cutter, will keep the cattle gaining or producing milk. Chopped green corn is also good for starting beef cattle on feed.

▲ ▲ ▲

NEW DIRT-MOVING equipment can be made to pay for itself by keeping wallow-holes filled around water tanks and foundations. A hole that lets tanks or buildings twist and settle is a costly one.

▲ ▲ ▲

CORN BORER damage to stalks calls for early husking of corn. You want to get the corn before winds break over the weakened stalks. Narrow cribs or ear corn driers make it possible to crib corn early.

▲ ▲ ▲

WHEN SELECTING a bull or boar, pick one that is big for his age. Inheritance has something to do with rate of gain. The bull or boar will pass on his ability to make fast gains, at least to some extent.

▲ ▲ ▲

IF YOU PLAN to build a new house, go and see other new houses in your county. If it's a barn or corn crib that you expect to build, look at similar buildings that other farmers have put up in the last few years. The actual thing beats a blue-print for most folks.

▲ ▲ ▲

IF THE HOG MARKET goes down $2 per hundred pounds while you put 50 pounds on a 200-pound hog, you would lose $4 on the original weight of the hog. To get paid for your feed, profit on the 50 pounds added would have to be worth the cost of the feed plus $4.

▲ ▲ ▲

LOOK AT THE EYES of feeder cattle you are thinking of buying. Pick the alert-looking animals. Avoid buying animals with that dull, listless appearance. But particularly watch for inflamed eyes. It might be pinkeye. Cattle with an attack of pinkeye will often lose flesh for a while.

HOT LYE SOLUTION should be applied to the floors and walls of the farrowing pens before the fall pigs are born.

▲ ▲ ▲

TWO COATS of white paint are required to cover red paint on a barn. Even then, the red will probably show thru in about five years.

▲ ▲ ▲

SOYBEAN PRICES will be supported by government loans this fall. So don't forget the beans when making preparations for grain storage.

▲ ▲ ▲

PASTURE IMPROVEMENT does best when started in the fall. First, graze the land closely. Then tear up the sod with disk, spring-tooth harrow or plow. Apply lime this fall if needed. Next spring the pasture can be worked up more and phosphate applied with the reseeding mixture. Pasture yields on old blue grass can be doubled, or more than doubled, by this method.

▲ ▲ ▲

WET HANDS and wet floors are a dangerous combination when handling electric appliances. You may get shocked or seriously in-

jured if you touch electric bulbs, the fuse box, or any electric connection with your feet and hands in contact with water. The danger is increased if the washing machine or other motor-driven machines have worn or broken electric cords. For safety with electric power, keep dry, and keep cords and connections in good shape.

▲ ▲ ▲

FALL DEMAND for feeder cattle is usually greatest when the corn crop is big and when corn is threatened with frost damage. It's the big crop that will make the strong demand for feeders this year.

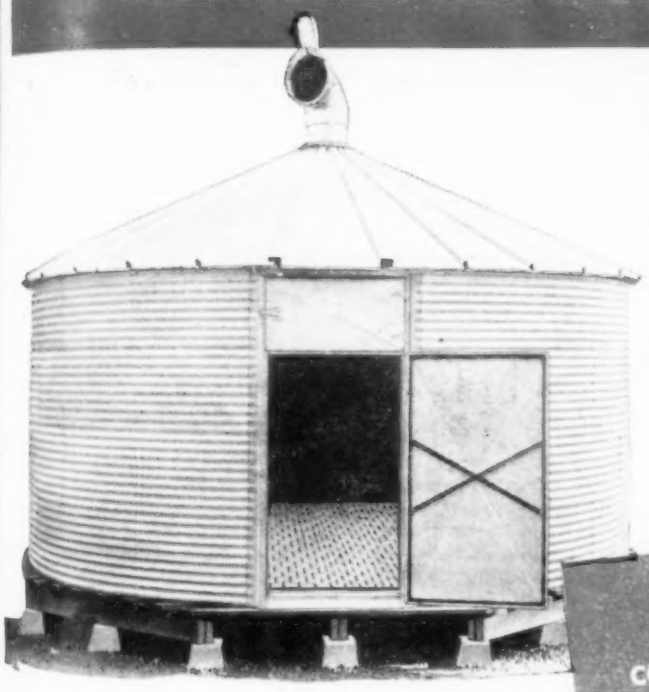
▲ ▲ ▲

LATE MOWING of alfalfa is likely to reduce yields for the next year, and may weaken the stand. It is late to mow alfalfa when there is not enough time left to start the next crop for winter cover. Many farmers put the date at about September 1.

▲ ▲ ▲

STEER CALVES were successfully wintered on ground corn cobs as the roughage at the Purdue experiment station. Here is a ration that produced one pound of gain per day for 168 days. Ground corn cobs, 16 pounds; soybean meal, two and one-half pounds; molasses, one pound. Mineral and salt were fed free choice. The addition of one to two pounds of alfalfa meal per head daily increased the gains one-fourth, but the cost of gains went up 25 cents per 100 pounds.

NOW! YOU CAN BUY Safe Lifetime Corn Storage for Only a Few Cents a Bushel More Than the Cost of Temporary Makeshifts



Martin "Steel-Bilt" Cribs save all the corn—keep out rats and vermin and provide quick drying. Corn saved from rats and mold plus the extra price for better grade due to quick drying will more than pay the difference in cost over the makeshift corn pen in one year's use.

Loss to rats and spoilage amount to more every year than the cost of the makeshift pen while the Martin brings you extra profits each year.

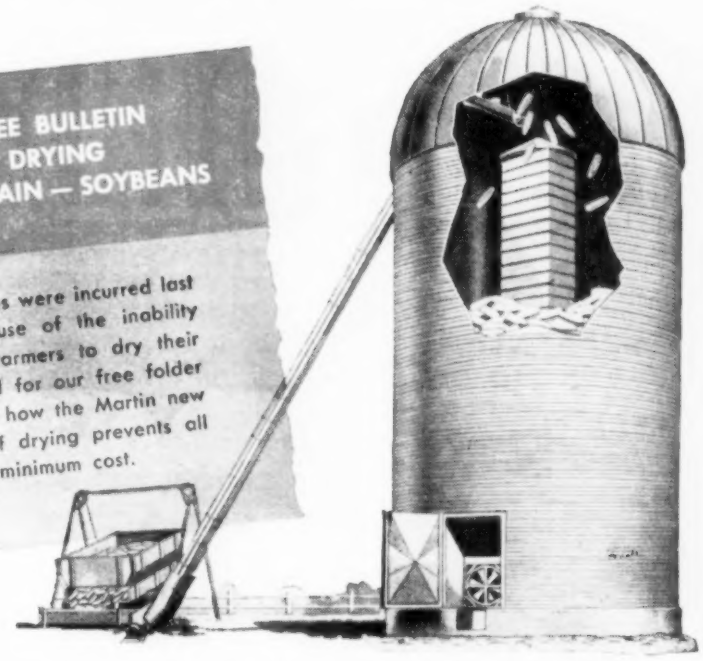
GET 10c TO 20c PER BUSHEL MORE FOR YOUR CORN

Martin safe storage and proper drying gives you top grade in addition to saving all the corn. It's the same as though you received a higher price per bushel.

ALL MARTIN CRIBS ARE APPROVED FOR GOVERNMENT LOANS

GET FREE BULLETIN ON DRYING CORN — GRAIN — SOYBEANS

Heavy losses were incurred last year because of the inability of many farmers to dry their corn. Send for our free folder and learn how the Martin new method of drying prevents all losses at minimum cost.



DRY CORN QUICKLY FOR GOVERNMENT LOANS

The perforated steel floor permits air to pass upwards through the corn quickly removing excess moisture. Drying is by natural ventilation or may be speeded up by using a blower or heater. Play safe with a Martin. Avoid having to make good on your crop loan for corn spoiled or destroyed because of unsafe storage.

MARTIN STEEL-BILT BINS FOR SHELLED CORN

The strongest bin made for safe, trouble-free storage of resealed corn or dry grain. Completely fire-proof, rat-proof and weather-proof. Obtain maximum benefits from government resealing program with this Martin approved bin.

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For Mechanical Handling of Large Quantities of Ear Corn

The New Martin Method enables you to pick corn early, dry it quickly, and reduce your handling labor to a minimum. Elevate your corn into the High Round Crib which serves as ear corn storage as well as a drier. Natural or heated air is then blown through the corn to reduce the excess moisture. Act now to eliminate all losses from spoilage, rats and weather. 1200 to 12,000 bushel sizes now available.

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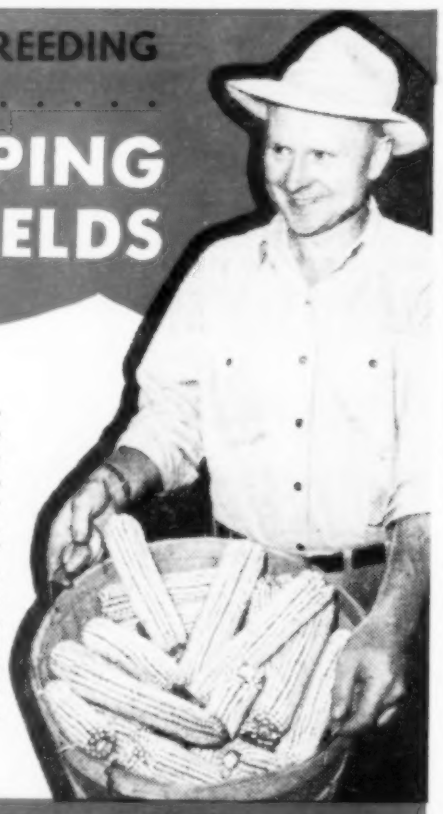

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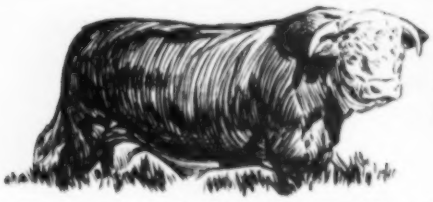

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Washington Wire

Hog Supports Out Next Year?

Compromise Farm Bill Would Do Away With Mandatory Price Props On Most Perishables

WASHINGTON, D. C. — Will support prices on perishable farm products, such as hogs, eggs and chickens, go out the window in 1950?

That's a main issue right now in the congressional confusion over farm price supports.

Here's the situation: A senate sub-committee, led by Senators Anderson (Dem., N. M.) and Aiken (Rep., Vt.), has drawn up a brand-new price support bill to go into effect next year. It is proposed as a compromise between the present program of rigid supports at 90 per cent of parity and the Aiken law of flexible and lower supports.

The Aiken law now is scheduled to take effect next January 1. But many congressmen don't like it. The house already has voted to continue present rigid supports another year. But this idea is opposed by many senators and by the American Farm Bureau.

The Anderson-Aiken compromise tries to put the two ideas together. It does this by keeping supports fairly high for basic crops (corn, cotton, wheat, etc.) in 1950, then dropping down to lower and flexible supports (75 to 90 per cent of parity) in 1951.

But the compromise also would knock mandatory price supports off most non-basic perishables—except milk, butterfat and potatoes. This means the government wouldn't have to support prices of hogs and poultry products.

This idea is not sitting so well with some congressional leaders, including Chairman Thomas (Dem., Okla.), of the senate agriculture committee. So far, Thomas seems to be in the minority. But his opposition means the argument over price supports still is far from settled.

Secretary of Agriculture Brannan is squarely on the fence. He strongly feels that livestock products should get mandatory supports at fairly high levels. But he doesn't think these products can be supported the way congress would want it done—thru government buying.

That system, says Brannan, would limit domestic consumption at the very time livestock production should be boosted to use up surplus grains. And it would leave the government with the costly and wasteful problem of getting rid of the surpluses it buys.

Brannan's idea is to keep high supports for livestock products but make them effective thru a system of production payments.

But congress doesn't want any part of that plan. Many members agree with Brannan that you can't continue to support perishables thru a purchase program. But they'd rather do away with mandatory supports altogether than to accept Brannan's alternative.

Besides the change in price supports described above, the Anderson-Aiken compromise also would revise the parity formula. The net effect would be to lower parity levels on grains and other basics, boost them on livestock products.

The compromise adopts the so-called modernized parity of the Aiken law. Then it makes the whole level a little higher by taking labor costs into account.

Department of Agriculture officials now feel the corn storage problem can be licked if farmers cooperate strongly enough in the resealing program.

The government has let contracts for construction of 190 million bushels in new storage. It has about 15 million bushels' worth left over from pre-war programs.

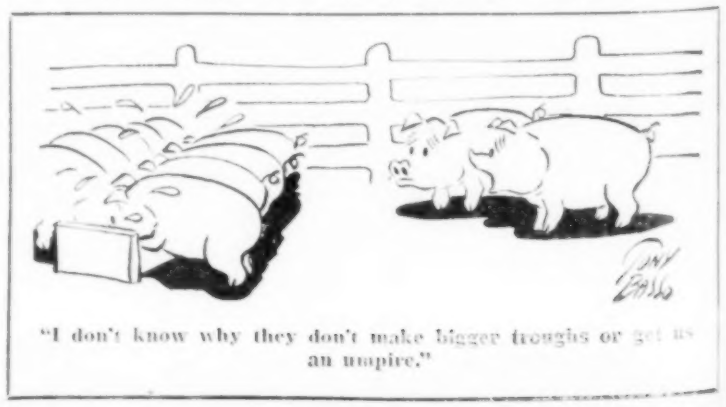
PMA officials figure this should come close to taking care of loan and purchase agreement corn delivered to Commodity Credit Corportion. But only if farmers agree to resealing a sizable amount of 1948 corn.

The government has found evidence that the five-year decline in milk cow numbers is leveling off.

A survey by the Bureau of Agricultural Economics shows there was just 1 per cent fewer milk cows on farms in June than a year earlier.

But the picture isn't the same for all states. Farmers who sell most of their milk in the form of cream still are cutting herds. Cow numbers dropped another 3 per cent in Iowa, for instance.

On the other hand, fluid milk producers are increasing herds.



"I don't know why they don't make bigger troughs or get us an umpire."

DETROIT PUBLIC LIBRARY

When Auditor Harry Workhoven (*arrow*) retired last year, after 41 years with Standard Oil, his two sons attended a party given in his honor by his Mason City, Iowa, co-workers. Dr. Harry Workhoven, Jr., (*left*), a Sioux City dentist, and his brother, Merrill Workhoven, an Omaha radio announcer, are shown with A. W. Peterson, William Jackes and L. A. Day, three of the many Standard Oilers present.

A STANDARD OIL EMPLOYEE BEGINS HIS "PERMANENT VACATION"

Of course we're sorry to see men like Harry Workhoven retire. But we're glad that, when they do leave our team, they begin to receive monthly checks—for life—under Standard Oil's employee retirement plan. Standard Oil began retirement payments in 1903; we were one of the first companies to have such a plan.

There are many other features of Standard Oil's employee benefit program: life insurance, group hospitalization and surgical operation insurance, sickness and disability benefits, and vacations. The security this program provides is an important reason why our employees find that Standard Oil is a good company to work for.

STANDARD OIL COMPANY (INDIANA)

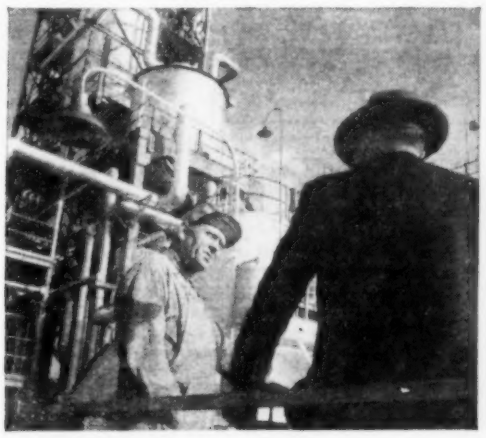
WHEN LITTLE LINDA SUE JACKSON was born recently, Standard Oil group hospital and surgical operation insurance helped pay the bills. Her dad, C. F. Jackson, works for us in St. Joseph, Mo.

COLORADO'S TROUT STREAMS where Standard Oilers Art Krauss and Al Abeyta fish, are among the many vacation spots enjoyed by thousands of our employees annually on vacation.

HIS FOX TERRIER, Toots, gets lots of attention, now that William F. Launtz of Decatur, Illinois, has retired after 29 years as a Standard Oil lubrication engineer.

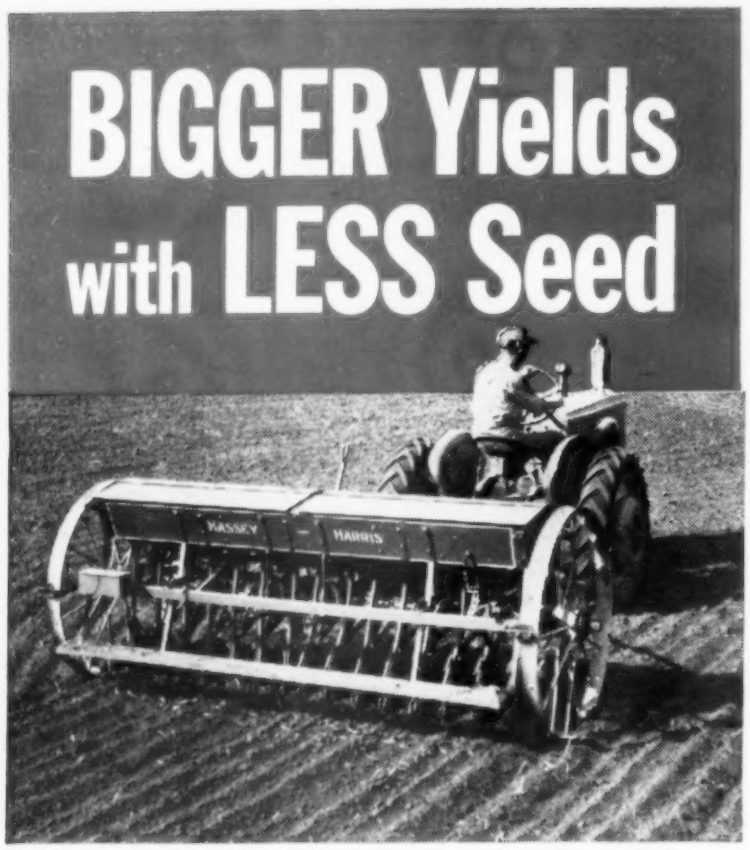
ROBERTA SLAMP, Chicago office, received salary payments for 11 weeks, thanks to Standard's sickness and disability benefits, plus part of her hospital expenses under our hospital plan.

EMPLOYEE SAFETY is one of Standard Oil's first considerations. We've won many industry safety awards; our accident rates are so low that our employees are much safer at work than at home.



THERE'S JOB SECURITY in a company with an average investment per employee of $26,700 in the tools and equipment which helped them average more than $4,400 in wages and benefits last year.

BIGGER Yields with LESS Seed



Massey-Harris Grain Drills Plant Accurately at High Speeds

Too little seed or too much seed in relation to land fertility are both wasteful. Top yields are the result of balance between seed and soil.

You know what that balance is for your land. You know the number of pounds or pecks or bushels it takes to plant a given field.

You plant that amount—no more and no less—when you use a Massey-Harris Grain Drill . . . and you do it at high speed.

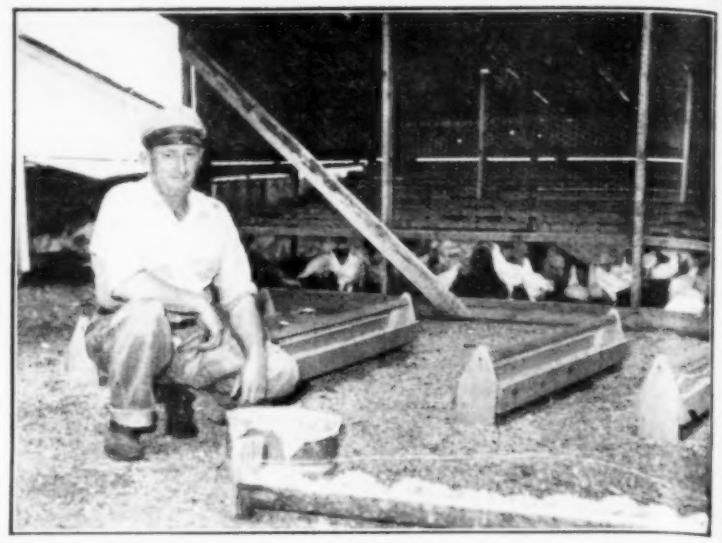
The secret lies in the accurate, positive feed runs. These double run feeds are divided in the center for large and small seeds. With eight runways on sunflower gear and two speeds, you can select the seeding rate for your soil and crop condition. Large telescoping steel spouts allow free passage of grain to seed boots, resist clogging, assure uniform, accurate seeding.

Seed boxes are of steel—extra strong for long life . . . extra large to cover more acres without refilling. Drive gears run in oil bath, sealed against grit and dust. Quick acting power lift raises furrow openers to same high level, regardless of depth of drilling — an important advantage in trashy ground or corn stubble.

Massey-Harris Grain Drills for tractor operation are made in a variety of sizes: in six-, seven-, and eight-inch spacings. Talk to your Massey-Harris dealer. Ask him for catalog which describes the complete line of accurate, high speed planting tools made by Massey-Harris. Or, write for a copy direct to The Massey-Harris Company, Quality Avenue, Racine, Wisconsin. **Dept. 25**

Make it a Massey-Harris

MASSEY M·H HARRIS TRACTORS COMBINES IMPLEMENTS



These Pullets get condensed whey plus grains and balancer. They're out on range, have fresh water piped to them. Owner Frank Hellickson, Humboldt county, Iowa, farmer, sells hatching eggs, finds feeding whey improves hatchability. Range shelters open to south.

Milk, Whey Make Layers Payers

Even If You Don't Milk Cows, You Can Give Pigs, Pullets The Feed They Need

DURING the early thirties, almost every farmer milked some cows and sold cream. They had some skim-milk left over. And they knew it was a feed that did wonders for chickens and pigs.

But, since those days, farmers have come to specialization. Some farmers turned to dairying, with emphasis on selling whole milk. A lot more got out of dairying completely. They kept one cow to furnish milk for the house. Others buy milk in town.

So a lot of Iowa farmers are feeding livestock processed milk by-products — buttermilk, skim-milk and whey. Usually, they buy these in a condensed or semi-condensed form.

No matter in what form they come, these milk products are rich in vitamins, especially riboflavin, one of the B-complex vitamins. Since poultry has high requirements for riboflavin, milk in one form or another is a very practical feed.

Skim-milk and buttermilk contain high-quality proteins and are valuable supplements to home-grown grains. During the cheese-making process, much of the protein is removed, so the amount of protein left in whey is not large.

But the vitamins are there, and the milk albumin left is a high quality protein. And many processors add more protein to supplement the high-grade protein already there before they sell it to farmers.

One Iowa farmer who is sold on feeding a milk by-product is Frank Hellickson, of Humboldt county.

"I wouldn't be without condensed whey. I feed it the year around," said Hellickson. And, as he led the way to the range shelters for his Leghorn pullets, he told how he got started feeding whey: "I sell eggs to a hatchery. The hatcheryman had been comparing the hatchability of eggs from hens fed whey and from hens not getting whey.

"He found that feeding whey improved hatchability. I decided to try a keg. I took it home and fed it. That was three years ago, and I've been feeding whey ever since."

His pullets start laying at about four and one-half or five months, Hellickson says. "And when they do get into production, they seem to develop a bigger egg lots quicker. You don't have as many blowouts as you would if you didn't feed whey."

Of course, feeding whey isn't all that accounts for Hellickson's healthy, fast-growing chickens. He keeps his pullets out on good legume range. He has range shelters open on the south that provide shelter and shade. East and west sides of the shelters swing open to increase ventilation.

Water is piped to the range shelters. Hellickson likes to keep fresh water in front of his pullets. "Nobody likes water that has stood in a barrel for two days," he says.

Another milk product, buttermilk pellets, is fed by A. J. Schnell, Clay county, Iowa, farmer, to his broilers and layers. His brother, Elmer Schnell, of Palo Alto county, Iowa, feeds buttermilk pellets, too. "They're easy to handle. Just sprinkle them on the mash, and the hens will really go for them," he said.

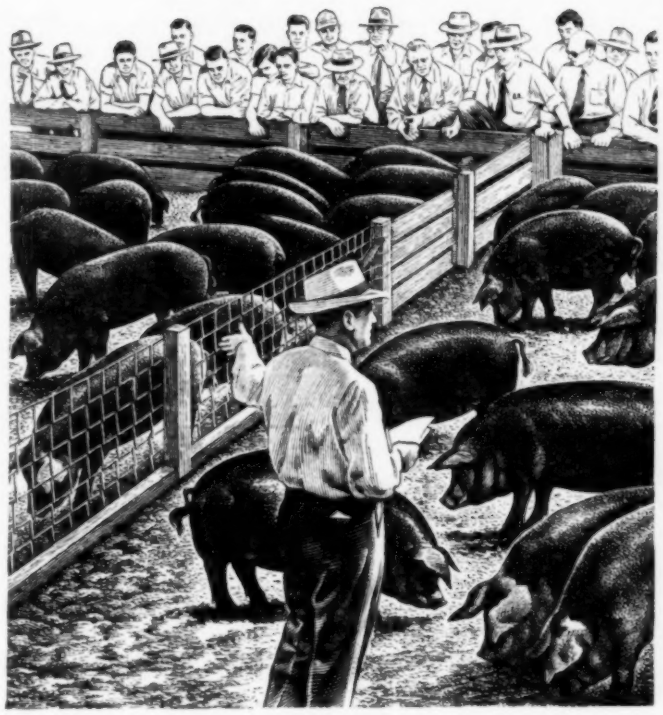
No matter what form of milk product is added to a poultry ration, it nearly always benefits poultry, even if the ration has plenty of protein riboflavin. Some feed experts feel this may be due to milk-sugar helping prevent the development of undesirable bacteria in the digestive tract.

Hellickson is firmly convinced of the value of feeding the milk product, condensed whey, that he has been using. "Feeding whey saves an equal value on balancer.

"It seems to make healthier pullets and hens. There is less death loss. And they lay more eggs. That's what I have found."

What's phosphorus to a pig?

Just a half a pound of your 250-lb. pig is phosphorus. This seems a small amount. But without it, your pig would die. And there are other minerals just as vital to livestock. Some they need in quite large amounts . . . calcium and sodium as well as phosphorus. Others we call *trace elements*. These they need in very small amounts . . . such as cobalt, iron, copper and manganese.



But your animals *do need* these trace elements. The people at the agricultural colleges have proved *that* past all doubt. Some minerals are a "must" if you want to raise healthy, fast-gaining cattle. That goes for lambs and hogs, too. For example, these men find that grass and grains in Dade County, Florida, are short of copper and iron. Clallam County, Washington, needs iodine to check goiter. They know that San Diego County, California, hasn't enough phosphorus. In Aroostook County, Maine, the scarce mineral is cobalt. Ranchers and farmers in these four corners of the country have this problem. *Their feeds and forages are short of one or more vital minerals.* Many other areas share the problem, including parts of the great Corn Belt.

But you ask, "How can I spot animals which suffer from mineral shortage?" It's not too easy. If the lack is serious, your stock may have rickets, "big neck," anemia or other ailments. But there are some early symptoms you can spot. These are bone chewing, loss of appetite, slow gains, rough and scrubby coats. Or just a general unthrifty condition gives you the clue. If you start feeding a mineral which contains the essential trace elements, you may bring them around fast. But if this doesn't work, then you should consult your veterinarian, county agent or agricultural college.

The common mineral deficiencies in your area are known. By feeding mineral-balanced rations, you can correct these lacks. Or you can build up the mineral content of the soil. Either, or both, of these will help you grow healthier livestock, at a lower cost.

William H. Burkitt

Supplemental Mineral for Wintering Range Ewes

by William H. Burkitt
Montana State College

Thirteen mineral elements are known to be necessary for normal functioning of an animal body. However, this does not mean that all 13 must be supplied in a mineral mixture. Many of them are present, under usual feeding conditions, in sufficient amounts for breeding ewes. Those lacking in Montana include sodium and chlorine (salt), iodine, phosphorus, and possibly cobalt.

Lack of sufficient iodine in the ration of pregnant ewes results in lambs being born with "big neck" (goiter). Thin wool in lambs may also result. If dead or weak lambs have shown "big neck" or thin wool at birth in past years, stabilized iodized salt should definitely be fed the ewes this winter.

Phosphorus deficiency may exist in wintering range ewes, particularly if there is little or no supplemental feeding. Abortions and weak lambs may result from deficient phosphorus. Pregnant ewes should have from 0.16% to 0.18% phosphorus in their feed. Many grass hays and mature range grasses contain less than 0.15% phosphorus and some contain as low as 0.04% phosphorus. Bone meal, defluorinated rock phosphates, and monosodium phosphate are satisfactory sources of phosphorus. Palatability and consumption may be improved by mixing with salt.

Cobalt is believed to be needed by microorganisms in the paunch. A lack results in loss of appetite, less feed consumption, and eventually starvation. A possible cobalt deficiency may be guarded against by mixing 1 ounce of cobalt salt with each 100 pounds of stock salt. Cobalt carbonate, chloride, or sulfate are all satisfactory. (*Editor's note: The principles of nutrition discussed above apply to most kinds of livestock and in all parts of the country.*)

Hello Again!

We are glad to be back with the Swift page of information and ideas. What did we do all summer? Well, among other things, we visited with farmers, ranchers, agricultural editors and educators. And we rounded up the facts we need to make these messages interesting and useful to you producers. As we said away back in 1944—"This is your page, and we welcome suggestions from our readers." We still do. Just write to me at Swift & Company, Chicago 9, Illinois . . . And when you're in Chicago, drop in and see us.

LET'S SUPPORT OUR "MEAT TEAM"—You know, times change—but some folks don't change with the times. I'm thinking of the type of man who always thinks that someone is getting the best of him in business. He sells a load of steers. No matter what his return, he's not satisfied—the packer, the commission man, the retailer—somebody else always gets a "bigger slice." But, during this past summer, I talked to a lot of people about the livestock-meat industry and our mutual problems. And I found a refreshing, encouraging attitude—"Sure, we got problems. Who hasn't these days? But if producer, packer and retailer work together as the 'meat team,' we'll work things out . . ." It's just good business to have a decent regard for the contributions made by other members of your team. I hope you have followed the "Meat Team" advertisements of the American Meat Institute and will talk to your neighbors about them.

FACT CONFIRMED—Out in the West, whenever I passed a town with a local meatpacking plant, I thought, "This town, out here where there is lots of livestock, is well served by that local plant. But what about the distant cities filled with meat eaters and no nearby livestock production to speak of?" I know for a fact that meat has to travel an average of more than 1,000 miles to reach those consumers. The only way they can get meat is through the low-cost processing and marketing services provided by nationwide meat packers, like Swift & Company.

F. M. Simpson
Agricultural Research Dept.

MONEY and MEAT—In the fall months we run into an unusual situation in the livestock-meat packing industry. At that time we often see the year's high market for top finished beef cattle. And this top price usually is being paid when the average price for all cattle is moving in the opposite direction.

The high price is explained by the fact that during the fall we usually have the shortest supply of the year of well finished, long fed cattle. Brisk demand for this short supply naturally will force the price up.

The lower average price results from the annual move to market of huge numbers of grass-fed cattle.

About 20 per cent of all the cattle and lambs slaughtered during a whole year must be handled in September and October. Meat from these animals being slaughtered any given day generally is on the dinner table in less than 14 days.

Folks aren't likely to have any more money to spend on food during the fall months than in February, when fewer meat animals are being marketed.

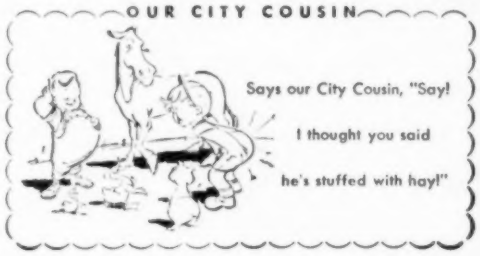
Since beef and lamb is largely a fresh meat business, there's a lot of meat to eat during the fall months. Consequently, since consumers have no more money to spend, meat prices have to be lowered. And that's just what happens, as it usually does with an increased amount of meat to be sold and no increase in the amount of money with which to buy it. These lower meat prices are most noticeable, of course, in the large consuming centers where surplus supplies always can be moved at a price.

Naturally, then, livestock prices follow meat prices. Producers should keep in mind *that the prices they receive for their livestock are governed by what the packer can get for the meat and the by-products.* This is perfectly demonstrated, as we have pointed out above, when the price for one kind of cattle, in short supply, is moving up *at the same time* that prices of other cattle, in heavy supply, are moving down.

Soda Bill Sez : : :

If your grass is receding, it's time to re-seed.

OUR CITY COUSIN



Martha Logan Recipe for
FRENCH MEATWICH

Make sandwich of 2 slices of bread, using 1 slice of cold meat and 1 slice of cheese as the filling. Dip each sandwich into a mixture made of 1 slightly beaten egg and ¼ cup milk. Pan fry in a small amount of butter, margarine or clear drippings over low heat. Turn to brown. Serve at once with cole slaw or fruit salad.

FREE! The Story of Poultry

Children and grownups, too—here's another booklet in Swift's popular Elementary Science Series. Like the others in the series (on Soils, Plants, Meat Animals and Grass), "The Story of Poultry" (Booklet E) gives the answers to many interesting questions. *Do you know—*

Where the first chickens came from?
Which breed of poultry is native to America?
How the shell gets around an egg?

You'll find the answers to these and dozens of other questions in "The Story of Poultry." Lots of pictures—easy-to-read words. Write for your copy today and show this notice to your school teacher. Yes, there are free copies for every kid in your class, if requested by your teacher. If you'd like the other booklets in the series mentioned above, ask for them, too. They are all FREE! Address your letters:

Agricultural Research Dept., Story of Poultry—

Swift & Company
UNION STOCK YARDS, CHICAGO 9, ILLINOIS

Nutrition is our business—and yours

A Course in agriculture at nearby Ankeny is one reason folks at Alleman, in Polk county, Iowa, closed their high school. "I wouldn't want to go to a school that didn't offer agriculture," says Willard Lehman (left). His dad, Art, is a member of the school board.

How Far To Your High School?

Some Reorganization Is Inevitable — But Not Everyone Is Entirely Happy About It

"FARM For Sale. Near Good School and Church." That's been a familiar advertisement in the past. But the time seems to be coming in Iowa when a lot of farms no longer will be so near school.

At least, not so near high school. It's the upper grades that are being affected most by the present interest in school reorganization. There's argument about the grade schools, too, but not so much. They'll probably stay closer to home.

"High school pupils in the small schools are losing more than those in the grades, anyway," says C. B. Christian, superintendent of a large school in Fayette county. That about sums up the position of most educators..

Quite a few parents agree. That is why more and more small Iowa high schools are closing their doors, and transporting their pupils elsewhere.

What do farm people think about it? It's not easy to find the answer. You can stir up an argument almost anywhere in the state. But, by and large, people closest to the situation recognize the shortcomings of the small school.

Neal Mix, president of the school board at Swan, in Marion county, puts the situation in a nutshell: "We can't offer enough here," he says. "And we can't get the best teachers." Swan is one of four districts in Marion county that have closed their high schools.

Alleman, in Polk county, is another spot where a dropping high school population caused the school board to shift its pupils to Ankeny. "One determining factor," says Art Lehman, a board member, "was that they have vocational agriculture there."

There you have it. Parents want to give their children the best chance to learn, and they figure it can't be done in smaller high schools.

"It's not from the expense standpoint that we closed," says Curtis Carr, of the White Oak district in Polk county. "But just that we couldn't give the youngsters enough in our own high school." So White Oak high-schoolers go to Huxley.

But not everyone counts bigger schools as an unmixed blessing. "Our community loses interest by having the high school at Huxley," says Everett Longnecker, of White Oak. "Nobody here goes to the Huxley ball games except one or two families with players on the teams.

"When the high school was here, everybody turned out. From a community standpoint, I'd rather send them to a closer school."

Even Lehman, the Alleman board member, sees disadvantages in a distant high school. "It's harder to get acquainted with the teachers," he says. "And you don't know the other youngsters your boy runs with, either."

But keeping up interest isn't always a problem, especially if the new school isn't too far away. In the Liberty district, in Marshall county, parents haven't lost their school interest by sending high school pupils to Clemons, five miles away.

"I was surprised," says Mrs. Harry Dunn, of the Liberty district, "how the P. T. A. remained active after we lost the high school. There often are 80 or 90 in attendance."

Another problem, of course, is transportation. This is the main thing that has kept schools small. The move toward bigger schools is partly a result of improved transportation. But roads are still a limiting factor in many places.

"We thought we had pretty good roads around here," says Art

Lehman. "But last spring, for a while, busses were lucky if they could get thru."

Even where roads are good, the extra distance to high school adds difficulties. Says the mother of one high school girl in Polk county's White Oak district: "Our car lights aren't very good. So I've never been to a program during the two years our girl has been in high school at Huxley."

As mileage increases, the problem of getting children to extra-curricular functions is multiplied. "We had to take our girl the eight miles to Ankeny for basketball two or three nights a week," says Melvin Reinhart, of Alleman. "We are wondering if we can stand it for four years."

How do students themselves take to larger high schools? "They like it where there is more of them," says one parent. "Competition makes them work harder," says another.

At Liberty, in Marshall county, high school students unanimously signed a protest petition when it was rumored the small high school might be reopened.

Most people who have studied school problems agree that school reorganization, to some degree, at least, is inevitable. But not everyone likes the idea of trying to change everything at once.

Frank Lyons, a member of the Marshall county board of education, is one of those who feels reorganization makes a lot of sense if it isn't pushed too far too quickly.

Maybe eight high schools in a county is about right, Lyons says. "You could run them cheaper, and give country pupils the same opportunity as those in town. But cutting down to four, as some suggest, would be too much of a change."

Story County Superintendent E. P. Schindler emphasizes that it is the quality of schooling, not the size, that counts. He doesn't like the idea of setting 100 or 200 or 300 as the minimum high school enrollment. But he does believe a school needs to be big enough to offer a variety of subjects.

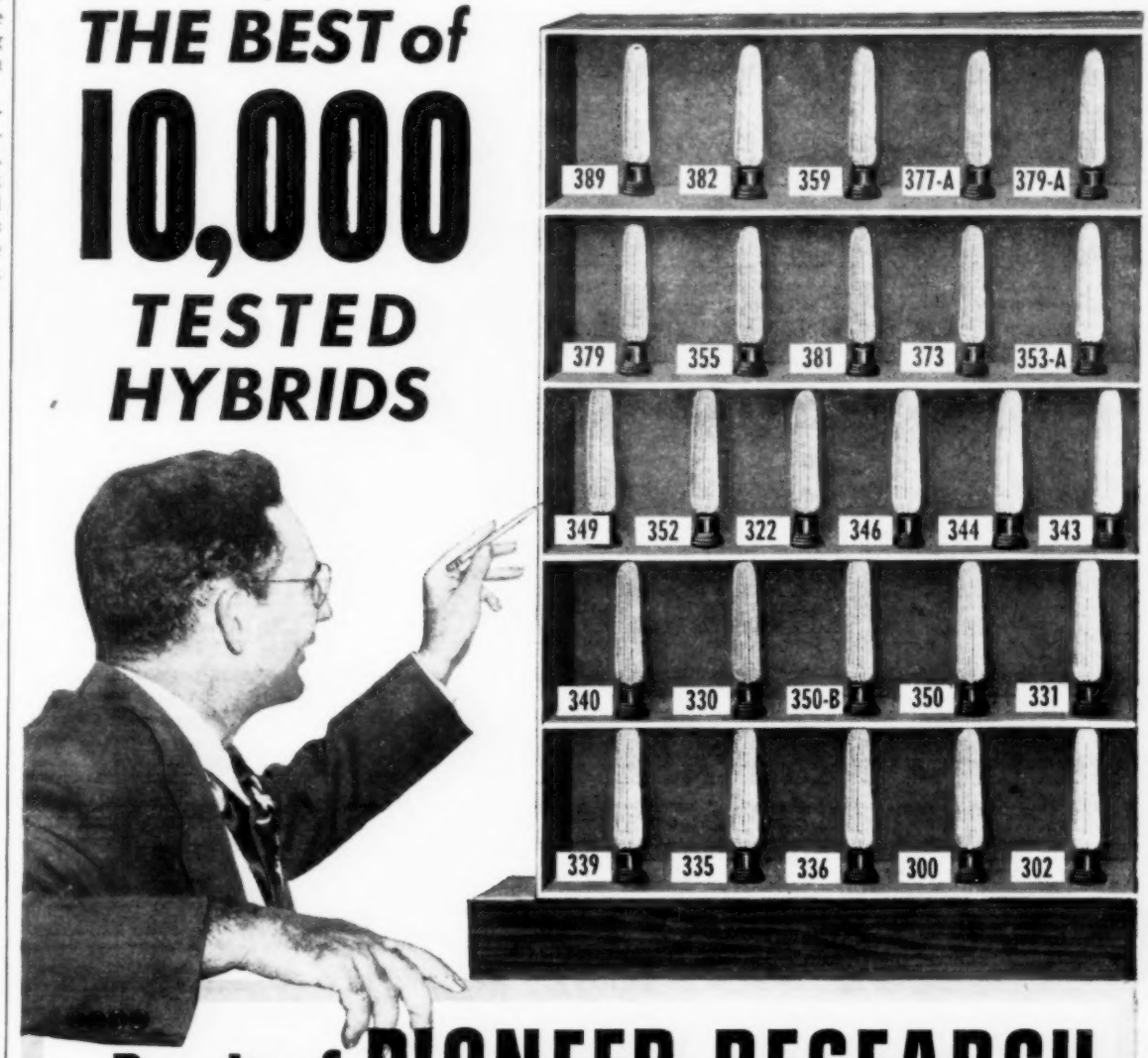
"And in large schools," Schindler says, "you can afford to have better teachers. Boys and girls get better training in such things as speaking, music and physical education." But he agrees they won't have as much chance to perform before their parents and the people of the community as in a small school.

Schindler raises the big question when he asks: "Which youngster is going to turn out best 20 years from now?" Farm people would like to see some research on that question.

"Here's a remarkable invention that cleans cow stalls in very little time. It's called a shovel."

"Cream of the Crop" Hybrids

THE BEST of 10,000 TESTED HYBRIDS



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Minnesota, South Dakota and Iowa farmers have a choice of the 26 top-notch Pioneer hybrids shown above . . . selected from over 10,000 experimental Pioneer hybrids bred and tested during the last 10 years. These are the "cream of the crop" of hybrids developed by Pioneer research for better and better corn. They offer about any type and maturity of corn . . . and corn for nearly every purpose. Pioneer hybrids are dependable and profitable. They are bred, handled and treated to grow . . . even in cold wet soil. They give fine stands, big yields, and the kind of ears farmers like.

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Easy to Erect
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Meets Gov't Loan Requirements
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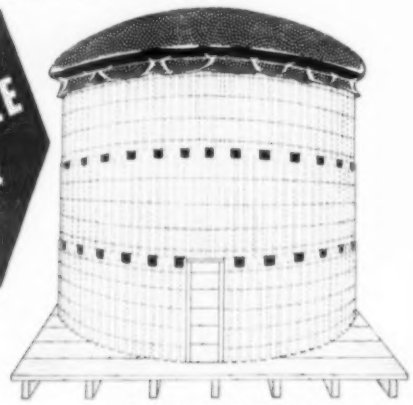

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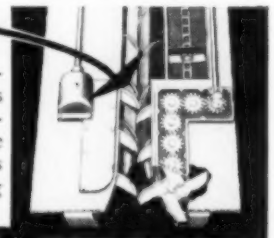

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UNITED STATES SAVINGS BONDS BOUGHT NOW PAY SURE DIVIDENDS

Field Chopper has helped speed up silage making and reduce work. Pete Jackson chops corn on Wilbur Hanson farm, Pocahontas county, Iowa. Harold Doyen handles wagon.

To Get Good Silage

PUTTING up silage isn't much of a chore any more. New methods and machinery have taken care of that.

But it still takes "the hand of the master" to make good silage. You can't just dump chopped corn into anything and get palatable roughage that will last forever.

Air is the big enemy of good silage. Silage can't spoil if you keep out air. That's why it's important to make an upright silo air-tight. And to take special precautions to keep out air if you're filling a temporary silo.

You have probably already checked your permanent silo, sealed it with cement or plaster, tar or asphalt. There are commercial sealing compounds on the market that do a good job.

The temporary silo presents a tougher problem. A good lining, such as sisal kraft paper, is needed to keep air out of a silo that is made with picket cribbing. Trench silos are easier to keep air-tight, but you will need to watch the drainage. Any type of silo calls for thoro packing to exclude air.

Chopped silage is dumped into blower. Martin Schaper, of Marshall county, Iowa, says that he finds it "easier than pitching bundles."

Temporary silos will store a lot of good feed—if they're put up right. Wilbur Hanson piles silage "three fences high," with air-tight lining of kraft paper to prevent spoilage.

First Aid for Stock

Vaccinate His Own Pigs?

To the Editor: Some of my neighbors want to vaccinate their own pigs. Can they do this without a permit?—Mrs. B. E., Union County, Iowa.

You don't say against what disease the hogs are to be vaccinated. So we can't be sure we can tell you the answer.

First, a farmer may vaccinate his own pigs against hog cholera if he holds a permit from the State Department of Agriculture.

You can vaccinate your own hogs for hemorrhagic septicemia. You can use the serum method to vaccinate your hogs against erysipelas. However, even veterinarians must get specific authorization from the state veterinarian's office each time they they use the culture vaccine against erysipelas.

Calfhood Vaccination Best For Bang's

To the Editor: If a cow has Bang's disease, can she be cured by vaccination? Will vaccination keep milk cows from taking Bang's? — J. A., Louisa County, Iowa.

Vaccination against Bang's disease is not a treatment, nor is it a cure. It is a means of raising the resistance against infection.

Vaccination is advised when calves are six to eight months old. It gives high resistance for three or four years. Also, the calf soon loses the blood reaction shown by naturally infected animals.

When adult animals are vaccinated, they retain the blood reaction for the rest of their lives. They can't be told from the individuals that are really carrying the infection. That is why calfhood vaccination is preferred.

Young Lambs' Eyelids Roll In

To the Editor: We have had trouble with our lambs' eyes. The lower lids roll in, and the eyes water.—C. J., Henry County, Iowa.

Rolling in of the eyelids occurs often in sheep. It is known as entropion. Owners have used several methods to correct it.

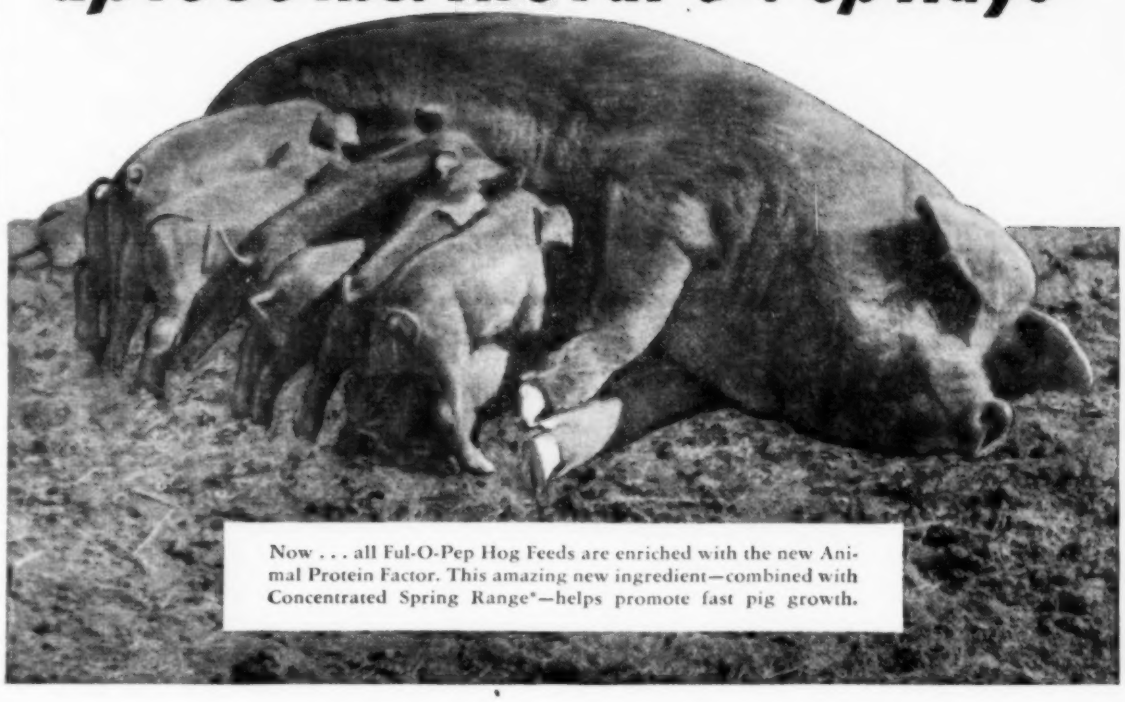
One way is to cut out an oval piece of skin just below the edge of the lid that rolls in. Then, with a fine needle and thread, stitch the two edges of the skin together. This pulls the edge of the eyelid outward. As the skin heals, the scar holds the lid in place.

A second way is to catch a fine string in the wool at the edge of the eyelid and tie the other end of the string in the wool lower down on the face.

Another method is to chew up some chewing gum. Tangle the gum in the wool at the edge of the eyelid. Pull it down and press the gum into the wool where it will hold the eyelid as it should be.

Washing the irritated eye with weak boric acid is good treatment.

WEAN PIGS WEIGHING up to 50 lbs.-The Ful-O-Pep Way!



Feed sows Ful-O-Pep Pig-N-Sow Feed & grain ...helps keep their udders full!

Sow's milk is crammed plumb full of nourishment little pigs need.

That's why so many Ful-O-Pep feeders get their baby pigs off to a fast start. For Ful-O-Pep Pig-N-Sow Feed and grain help make lots of sow's milk . . . enough to give each pig a good, healthy portion, *even in big litters.*

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What's more, Pig-N-Sow Feed contains the new Animal Protein Factor—plus quality proteins and organic-source minerals needed to turn your grain into a balanced sow's feed.

So feed your sows Ful-O-Pep Pig-N-Sow Feed and grain this fall. It makes a real *milk-making ration!*

Feed pigs Ful-O-Pep Pig Starter in creeps ...saves labor...grows 'em fast!

What a pig feed! No wonder many feeders report pigs weighing up to 50 lbs. at weaning on Ful-O-Pep Pig Starter. It's *vitamin-rich!* It's a *quality* pig feed. Little pigs usually begin eating it when only 7 to 10 days old.

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So, this year, start your pigs with Ful-O-Pep Pig Starter to hit *the early market.* Your neighbors will marvel at your big pigs at weaning time! Visit your local Ful-O-Pep Dealer soon . . . and send for free book, today.

*Reg. U. S. Pat. Off.

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John Deere Feed Mills are built to last for years. Wear-resistant materials and high-grade bearings assure low upkeep costs.

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At Left: The John Deere 14-inch Hammer Mill grinding ear corn. Notice the wide, flared feed table and big-capacity, dust-free feed collector. The grinding unit is dynamically and statically balanced for fast grinding with less power.

At Right: The John Deere No. 114-A Roughage Mill. The big-capacity traveling feed table is governor-controlled for smooth, even feeding.

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How Improve A Rented Farm?

Most Need Fixing, But Many Landlords Don't Want To Take The Financial Rap

If you're a renter—or a landlord—you'll be interested in this article by I. W. Arthur, extension economist at Iowa State College.

MOST rented farms need improvements. How to get them is a headache for both the tenant and landlord.

On a crop-share lease, the catch for the landlord is this: Many of the improvements the tenant wants will lower the landlord's net income.

If the landlord makes such improvements, he is out present cost, future upkeep and increased taxes. So he isn't anxious to improve—especially when costs are high.

But the tenant still needs improvements. He needs them for increased crop and livestock production and for better living.

Some landlords and tenants have found ways to solve the problem. Here are examples of how improvements have recently been made on rented farms:

In Winneshiek county, Iowa, Bruce Thompson, a professional farm manager, handles a string of farms. The crop-share is the standard common lease in that territory. On one crop-share farm managed by Thompson, the tenant is a good dairyman. He wanted a silo. But the silo would be nothing but an expense to the landlord on a crop-share basis.

So the landlord built the silo and is renting it to the tenant for $75 a year. These payments will continue until the cost of erection has been repaid or until the tenant moves.

On another farm handled by Thompson, the tenant wanted a bathroom. Here, again, the bathroom would be nothing but an expense to the landlord. In this case, the landlord put in the bathroom. He's charging the tenant $5 per month until such time as the construction price is returned.

If the tenant moves, the landlord takes a chance of getting the oncoming tenant to pay the $5 a month until the bathroom is paid for.

On a third Thompson-managed farm, there is an unusually fine set of improvements for large dairy and hog herds. Several tenants wanted this farm because of its improvements and good land. Yet here is another case where the landlord—working on a crop-share lease—gets little or nothing for maintaining such a set of improvements, paying taxes, insurance, and so forth.

So Thompson asked $300 a year rent for the buildings, in addition to the regular crop-share lease. Most of the tenants would not consider any such amount for building use.

However, a good dairyman in the neighborhood heard the farm was for rent. He had a good herd of Guernseys. He was more than willing to pay $300 additional cash rent to get this good dairy and hog layout and a modern home.

In Clinton county, Iowa, Ben Downey is tenant on a farm where the kitchen floor covering was gone. Standard practice was for the landlord to furnish the floor and the tenant the floor covering. But what do you do when linoleum or asbestos tile is stuck to the floor? The tenant can't take linoleum with him if he moves.

Downey offered the landlord this proposition: "I will fix up the floor and put on the covering. If we get to stay here 10 years, and make use of this linoleum all that

Who Fixes Up Farm?

How you go about putting improvements on a rented farm depends on the kind of improvement and the type of lease. I. W. Arthur, of Iowa State College, lists these nine ways to do the job:

1. Landlord adds the improvement and stands all expense (tiling, for example).

2. Tenant builds it and stands all expense (brooder house, other movable equipment).

3. Expense is divided 50-50, or other fraction (fertilizer).

4. Landlord furnishes materials, tenant does work (fencing).

5. Landlord pays tenant to do the job (terracing, temporary cribs).

6. Landlord provides improvement the tenant wants; in return, the tenant does some work or adopts a practice the landlord wants (tenant's wife wants sink, landlord wants contouring).

7. Tenant stands all or part of expense, landlord agrees to pay for unexhausted value if tenant has to move before investment is fully depreciated (tenant limes field or puts linoleum on kitchen floor).

8. Landlord builds improvement and charges tenant rent for it until it is paid for (bathroom or silo).

9. Landlord charges use-rent for all buildings (maybe $100 to $200 per year).

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500 bu. size—11 ft. high x 13½ ft. diam., $175.00
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900 bu. size—19 ft. high x 13½ ft. diam., $320.50

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"We just couldn't part with it."

time, you won't owe me anything. We will depreciate it out over a period of 10 years.

"But if I have to move within five years, you pay me back 50 per cent of my investment. If I have to move within one year, I will be paid back 90 per cent of my investment." The landlord accepted this proposition and the improvement was made.

In Plymouth county, Iowa, Fred Riter's landlord furnished a whirlwind terracer. Riter furnished the power and labor to construct the necessary terraces. On this same farm, the tenant pays $10 for pasture and hay land—both rotation and permanent pasture—but the landlord furnishes all of the fertilizer.

From Colfax township, in Dallas county, Iowa, O. E. Rhoten reports a plan used to get improvements on a cash-rented farm.

Here, the cash rent is $10 an acre, but the tenant is allowed to spend $3 an acre for improvements and pays the landlord the other $7.

Together, they agree on how the money will be spent. This is a pretty liberal deal for the tenant.

In Calhoun county, Iowa, Carl Juliff rents a 160-acre farm on a crop-share basis. The landlord allows him to spend the cash rent on pasture and hay for improvements on the farm.

In Osceola county, Iowa, an REA line was built past a rented farm. But the landlord would not install electricity. So the tenant put in electricity and the landlord pays him so much a year until half of the cost of the wiring is taken care of.

Probably the most common plan for getting improvements on rented farms at the present time is for the landlord to furnish the materials and for the tenant to furnish labor—even skilled labor.

Don't Use DDT On Milk Cows

To the Editor: I have some 20 per cent DDT fly spray. Is this safe to use around or on my milk cows?—V. C., Cass County, Nebraska.

You should not use DDT on your dairy cows or inside of your dairy barn. Milk or butter containing DDT is subject to condemnation by federal authorities if it appears in interstate shipments.

Approved fly-killers for use around milk cows are methoxychlor, lindane and the pyrethrins. There are still plenty of uses for the DDT, so you won't be out anything.

drouth resistance

Next Season—Scorching Weather May Hit *Your* Farm. BE READY!

On your farm—if *any* corn can, Funk's G-Hybrid will outlast long spells of hot dry weather, then pick up and keep making a crop after rain comes. Of course, roots figure in this; G-Hybrids are noted for excellent root systems. But more important is the *bred-in* capacity of the Funk's G-Hybrid plant to conserve and stretch and use *most effectively* a limited moisture supply.

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Of course Funk's G-6 is a fast starter—and those vigorous plants keep going. Stands very well and makes a fine yield. Husks open up well and the solid, girthy ears dry out fast in the fall. Plants have dark green, wide leaves. Stalks are stiff with the ear well placed. Makes real 5-Star performance and yields. If you are not using G-6, try some in 1950. Order your seed now.

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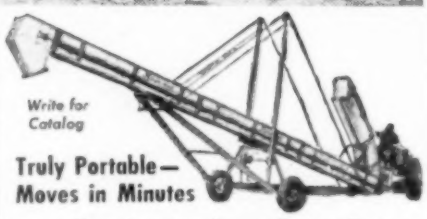

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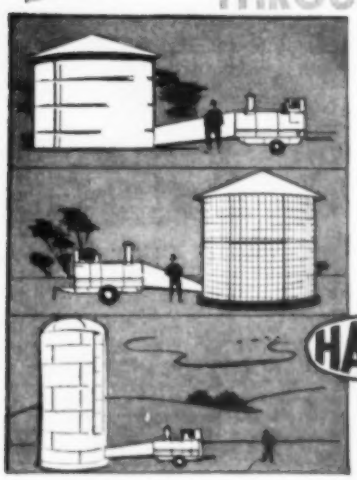

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HABCO Crop Drier with tight bin.

HABCO Crop Drier with HABCO Crib.

HABCO Crop Drier, used successfully for drying baled, chopped or loose hay.

"No Sale," they said when circus agent wanted to buy their pony. So Vernon, 8, and Carolyn, 3, children of Murray Milledge, of Marion county, Iowa, will keep their Shetland pet, "Jangle."

New Farming Trends At State Fair

Exhibits Reflect Agriculture's Rapid Progress In Machines And Methods

AS THE 91st Iowa State Fair draws to a close this week, it is probably safe to say no one person got to see "all" of the fair. It is too huge for that. But thousands saw a lot of it.

Keynote of the fair—and of Iowa agriculture at the moment—was the intense interest in "new" things and ideas. Interest in new methods of farming, in new machines that do more and make farm work and farm housekeeping easier, in new ideas and new techniques.

No small amount of credit for the success of the 1949 fair is due to Iowa's youth. Boys and girls helped make the livestock show a success with their entries. The 4-H and FFA demonstrations and exhibits reflected the newest ideas in Iowa farming.

Commercial displays and educational booths and exhibits shared the questions and the stares of visitors.

Outstanding among the purely educational exhibits were those in Agricultural Hall. A series of booths sponsored by Iowa State College, and the big Soil Conservation Service exhibit, helped make that a place worth visiting.

Thousands of farmers did visit the exhibits and ask questions. Questions which reflected their interest in the constantly changing methods that are a part of farming today.

Other thousands saw all their old favorites, of course. The team pulling contest, the old fiddlers, the horseshoe pitching, the band concert, and the livestock judging. And the midway with its barkers, and the grandstand with its thrills.

Thousands of head of purebred livestock competed for a record amount of prize money. Prizes offered at the State Fair this year hit a new record of almost $150,000. The livestock prizes accounted for all but about $30,000 of that total.

The usual Wallaces' Farmer and Iowa Homestead complete report of placings in the various livestock classes will appear in the next issue.

PLOWING MATCH---FIELD DAY

Thursday, September 15, is the date for the National Soil Conservation Field Day and National Plowing Match. The combined events will be held near Runnells, Iowa, about 15 miles southeast of Des Moines. Routes to the area will be plainly marked.

The field day and plowing match will give you a chance to see a lot of soil conservation work in one day, plus champion contour and level-land plowmen from all over the corn belt. Sponsors of the twin events are the Des Moines Register and Tribune and Station WHO, with the cooperation of Iowa State College, SCS, Farm Bureau, Chamber of Commerce and other agencies.

After the day is over, the agricultural committee of the Des Moines Chamber of Commerce will continue a five-year conservation project in the field day area. It will serve as a long-time demonstration of how soil and water can be saved in an entire sub-watershed.

Livestock are Healthier Thriftier

when fed

Protect your animals . . . your profits. Give them the trace minerals they need for good growth and fast gains. Furnish your livestock with the iron and copper they need for rich, red blood; iodine for active thyroids; manganese for lactation, reproduction, sturdy bones; cobalt for healthy appetites, thriftiness — and salt for more complete assimilation of feed nutrients, lower feeding costs.

HOGS FARROW BIGGER LITTERS
There are fewer losses of suckling pigs. Growing pigs make better gains.

STEERS MAKE FASTER GAINS
They make better use of their feed. Gains are more economical.

DAIRY COWS GIVE MORE MILK
They're easier and more certain to breed. They have stronger calves.

SHEEP GIVE MORE WOOL
Their fleece is heavier, more profitable. Ewes have less difficulty lambing

Feed Morton's Free Choice Trace Mineralized Salt. Supply these trace minerals the economical, effective, sure way. Don't risk deficiencies. Morton's Trace Mineralized Salt, fed *free choice*, assures your livestock of a regular, constant intake of all these vital elements.

Free

Get all of the facts. Learn why salt helps animals make faster growth, better gains. Mailed FREE.

MORTON SALT COMPANY
P.O. Box 781, Chicago 90, Illinois

OUTSIDE STUFF

IT WOULD be a good thing if farmers and congressmen alike could read and heed "The Story of a Lake," put out by the University of Illinois college of agriculture.

• • •

THE booklet tells the sad story of Lake Decatur, and the land draining into the lake. Twenty-four years after the lake was built, one-fourth of its capacity had been filled with silt.

• • •

He Doesn't know where he got his undulant fever. But Kermit Kloppenburg, O'Brien county, Iowa, knows how he suffered off and on for eight years with recurrent attacks of it.

• • •

NINE years ago, when malta, or undulant, fever first hit Kloppenburg, doctors didn't have the drugs nor the diagnosis they now have to fight the disease. It was more than two years before his case was correctly diagnosed.

• • •

IN THE third summer of suffering, he learned he had a serious case of undulant fever. He thought he had it licked, after some extremely painful sessions. Three years later, it broke out again. Now he hasn't had an attack for over a year—hopes the disease is whipped.

• • •

AS YOU drive thru Iowa, you see a few new cribs and bins. And some local elevators adding new capacity. But we are still short of corn storage space.

• • •

DURING the last two weeks, I've seen a lot of farmers doing cement work, too. New foundations, feeding floors, basements, septic tanks and the like.

• • •

THERE will be quite a lot of the new Shelby oats for distribution next year, on the basis of total oat acreage in each county.

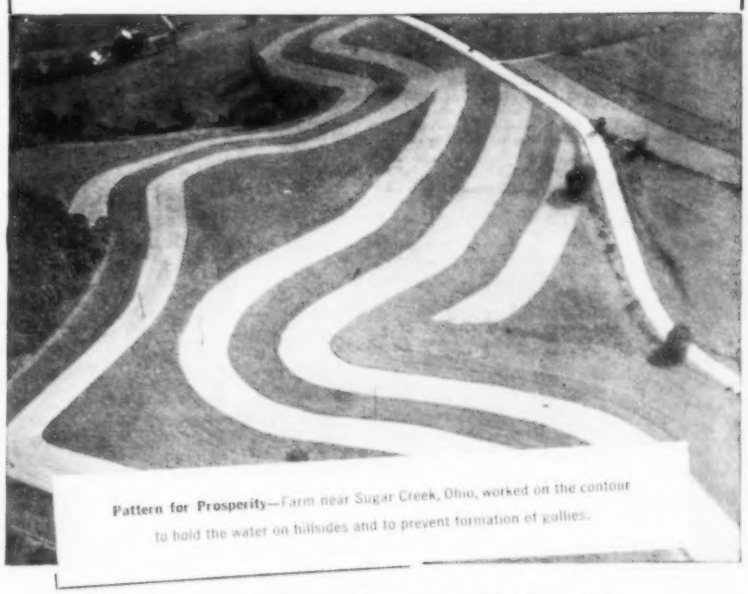
• • •

BETWEEN 70 and 80 living dairy sires were proved in time to be eligible for this year's Iowa Meritorious Sire Contest, according to Robert C. Fincham, assistant extension dairyman.

• • •

SO at Dairy Cattle Congress time this fall, Wallaces' Farmer and Iowa Homestead will present eight plaques to the top 10 per cent of the proved bulls which are doing so much to improve Iowa's dairy herds.—W. D. Inman.

Soil Conservation makes 3 acres produce as much as 4!



Pattern for Prosperity—Farm near Sugar Creek, Ohio, worked on the contour to hold the water on hillsides and to prevent formation of gullies.

THE statement above may be a little difficult to believe—but it was taken from a recent government report covering actual figures supplied by 9,300 farmers. They operated close to 4 million acres of land under soil conservation methods.

HERE'S WHAT THEY SAY: . .

A Nebraska farmer, "About tripled my income by soil conservation methods."

A Colorado farmer, "Raised 16 tons of sugar beets per acre on conservation-improved land against 8 tons per acre on same type of soil unimproved."

An Illinois farmer, "Wheat production increased 7 bushels per acre by conservation and contour fields are much easier to work."

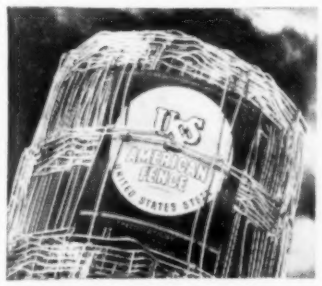
A Tennessee farmer, "With conservation methods my farm carries double the number of beef cattle."

The average for the entire country showed an increase in yield of 35.7%. This means 3 acres produced as much as 4 acres did by old soil wasting methods.

A soil conservation program usually means a re-location of fences. New pastures are established, livestock is fenced out of wood lots and ponds and sometimes new fences must be installed on the contour. For all these uses, nothing surpasses U·S·S American Fence for controlling livestock. Small animals can't get through—big animals can't push it over. Thick wire, heavily galvanized gives American Fence its long service life. The tension curve keeps it tight summer and winter.

Production of American Fence is now catching up with demand. Order soon. Your dealer may have it in stock. He also carries American Poultry Fence and Netting, Barbed Wire and other U·S·S Wire Products.

AMERICAN STEEL & WIRE COMPANY, GENERAL OFFICES: CLEVELAND, OHIO
COLUMBIA STEEL COMPANY, SAN FRANCISCO
TENNESSEE COAL, IRON & RAILROAD COMPANY, BIRMINGHAM
UNITED STATES STEEL EXPORT COMPANY, NEW YORK



Send Coupon for FREE BOOKLET

American Steel & Wire Company
Room 410 Rockefeller Building,
Dept. F-9
Cleveland 13, Ohio

Gentlemen:
Please send us your booklet, "It's Your Top Soil" which tells how to start a soil conservation program.

Name.....
Address.....
City.....State.....

There's more AMERICAN FENCE in use than any other brand.

AMERICAN FENCE

UNITED STATES STEEL

New Chemical Discovery By Dr. Salsbury's Laboratories in HOG-GAIN, Gives You

Extra Hog Profits At NO Extra Cost

New Chemical Compound, 3-Nitro 4-hydroxy phenylarsonic acid, Improves Feed Utilization, Provides Growth Stimulation (G.S.) Factor of Dr. Salsbury's HOG-GAIN

Speeds Up Weight Gain 20%

Gets Hogs to Market Weight 30 Days Earlier

Prevents Certain Nutritional Diseases

Saves Feed-Reduces Work

In Addition, Increased Weight Pays You $5 More Profit Per Hog

Easy-to-use powder form. Simply mix Hog-Gain in your regular hog feed. Feed during growing and fattening period.

Mail Coupon Now For Complete Profit-Making Proposition

DR. SALSBURY'S

HOG · GAIN

For Mixing in Your Feeds

Contains GS ★ Factor

*Growth Stimulation

●**20% Faster Weight Gain Due to G.S. Factor**—Your hogs gain weight faster with Hog-Gain due to Dr. Salsbury's exclusive compound, 3-nitro 4hydroxy phenylarsonic acid. Supplies the growth stimulation (G.S.) factor to growing pigs. Proved by tests at Hormel Institute of the University of Minnesota, and the Dr. Salsbury Research Farm.

●**Increases Feed Efficiency**—These tests also prove that Hog-Gain converts feed into pounds faster . . . takes less feed per pound of weight gained. Pigs grow faster, have more uniformity . . . better coat of hair. Hogs reach market weight up to 30 days earlier. Helps you get better market price. Saves time. Reduces work. Helps prevent loss of profits due to runty pigs.

●**Prevents Certain Nutritional Diseases**—In addition to the Growth Stimulant, Hog-Gain also contains nicotinic acid which prevents swine pellagra, a nutritional deficiency disease characterized by symptoms such as severe diarrhea and necrotic enteritis.

●**Don't Miss Extra Profits . . . Act Now!** Hog-Gain is available in packages for mixing with your regular feed.
Send coupon for FREE Dr. Salsbury's HOG-GAIN Feeding Program. Shows how to make EXTRA HOG PROFIT at NO Extra Cost.
Explains the remarkable G.S. Factor of Hog-Gain. Gives scientific background of this amazing product. Fill out and mail coupon, today.

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Charles City, Iowa

Dr. Salsbury's Laboratories,
Dept. 10,
Charles City, Iowa

Please send, at once, full details on HOG-GAIN:

Name .....

Address .....

DETROIT DIESEL THERAPY

BIGGER YIELDS LESS WORK WITH THIS BETTER COATS SHREDDER

You cut discing time in thirds . . . plow a clean, black field when you shred old corn stalks in the field with this improved Coats Stalk Shredder. No more "burning off." With the Coats Shredder you can return valuable plant food back to the soil for bigger crops. Fights borers, too. Kills worms right in the stalks, leaves no place for larvae to hibernate through winter. Super-strong construction. Superior shredding action. Adjust right from tractor seat.

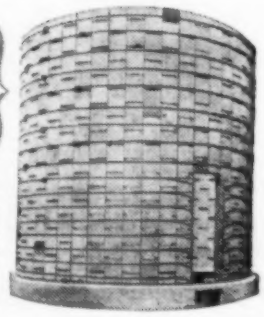
WRITE for complete facts today. See how you can save work and boost yields with this Better Coats Shredder.

COATS LOADERS & STACKERS, INC.

KNOWN FOR DEPENDABLE FARM EQUIPMENT . . . DEPT. D, FORT DODGE, IOWA

KOROK KORN KRIB

Approved for financing by PMA



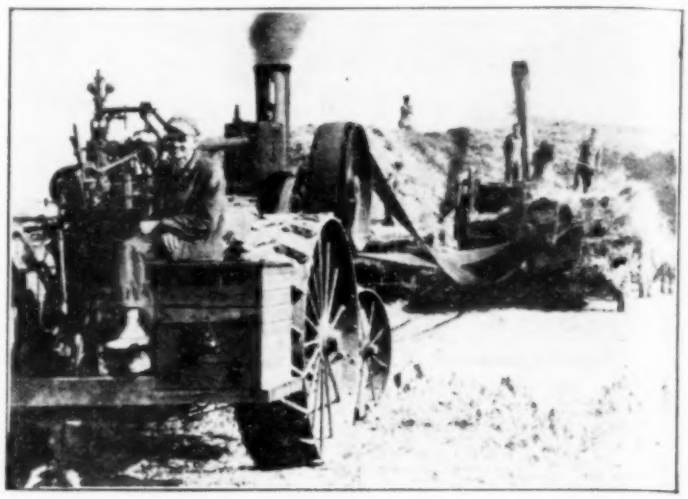
The makers of the famous Korok Silo now make available this heavy duty crib of tile, steel and redwood. Withstands wind pressure even when empty. It's economical, too. The 1,000 bu. size costs about 35c a bushel—*constructed on your farm by our crew.* Available in several capacities up to 2,000 bu. *Write for price list.*

INDEPENDENT SILO CO.
762 Vandalia St. • St. Paul 4, Minn.

—PUT SOME OF THAT EXTRA CASH INTO SAVINGS BONDS—

Farm Folks...

...Make Farm News



Just About gone from the Iowa scene is the old steam threshing outfit. This one, still operating in eastern Iowa, is owned by Charlie and Ed Janu and Bill Hernik, of Tama county.

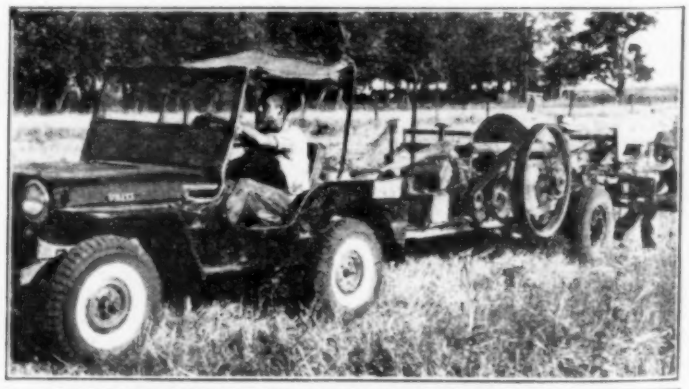
Remember Steam Threshing?

Take a good look at the picture above. Most of you haven't seen a rig like that for years. None of you will see one much longer.

Charlie and Ed Janu, brothers, Tama county, Iowa, have used a steam engine for custom threshing since 1918. But the end of an era is getting close—they're about to run out of business.

For the benefit of the younger generation, we'll tell you that the engine in the picture is a 1918 model Nichols & Shepard.

Businessman at 16 is Dwight Rice (right, above), Greene county, Iowa. With his jeep-pulled outfit (below), he's baled some 20,000 bales this summer, has a good nest-egg started.



Iowa vacationers are Roscoe Wilsons and H. H. Ehlers, Delaware county. Visiting largest U. S. gold mine in South Dakota, they said: "Miners have to dig as hard for their money as we did."

SAVE YOUR LIFE!

Here's a more pleasant story—about an accident that didn't happen. It's a tip on how to save your neck, told by N. J. Wardle, farm safety specialist at Iowa State College.

IT WAS a beautiful day as Frank drove off the highway toward the Johnson farm. He was thinking of the corn crop.

It had been a good year for corn. A few dry spells, maybe, but his own corn didn't seem to be hurt much.

The corn borer had caused damage, too. But he had sprayed. He wouldn't lose too much.

Good soybeans, too. Thus Frank mused as he sped along. "Hope I'll be at the Johnson farm before the auction sale starts," he thought. That made him glance at the speedometer.

"My! I'm doing fifty on a country road. Oh, well, it's a good road and there are no cars coming."

Just then Frank noticed that he was coming to a cross-roads. "That corn is so high I couldn't see a car coming. Of course, there isn't one. Oh, well, I'll just pretend there is and slow down."

As Frank slowed his car and came to the cross-roads, another car whizzed across in front of him.

"Why, the crazy fool! He must be doing at least fifty," Frank exclaimed.

Then, with a sickening feeling, Frank remembered the speed he had been traveling. In his mind, he saw the mess of which he would have been a part if he had not slowed down.

No, there was no accident, but all the "makings" were there: A country cross-roads; high corn growing on the corners; two speeding cars.

How can such accidents be prevented? It's easy if you stay safety-minded.

The safety-minded farmer trims corn at the corners of his farm.

The safety-minded driver slows down on country roads, and is always ready to stop for crossing cars.

Remember: Be Alert—Don't Get Hurt!

Mud-Road Mac

"Our club is having a discussion on 'proper driving habits' . . . could you give us a few words?"

DON'T MISS THIS FARM BARGAIN

ORDER NOW

SAVE MONEY ON 1950 NEEDS!

LIBERAL DISCOUNTS to farmers on New Triple-Action Mobiloil, Mobilgreases, Mobilube Gear Oils and Mobil Specialties. Just order next year's needs *now* for delivery anytime between January 1st and June 30th.

NO MONEY DOWN. No need to tie up your cash. You pay when your order is delivered.

PRICE PROTECTION. If prices go up, you're protected until June 30th, 1950. If they fall, you pay prevailing price at delivery time. You can't lose!

QUALITY PRODUCTS. Besides cash savings, you're sure of top quality. Mobil farm products are endorsed by 72 of America's biggest farm equipment builders.

ACT TODAY! CALL YOUR MOBILGAS MAN!

NEW Mobiloil

Tips for September

Here are some money-making suggestions from farm management specialists at Iowa State College:

▲ ▲ ▲

SEPTEMBER MARKS the last call for spraying for noxious weeds. It's time for the last cutting of cocklebur, too.

▲ ▲ ▲

COUNTRY HOMES can be just as attractive as city homes. Cleo Hill, Alexis, Ill., believes. September is a good time to grade yards and lots. Seed lawns. Push dirt up to building foundations. Make your farm a more pleasant place on which to live.

▲ ▲ ▲

NEED MORE PASTURE? September is the time to seed rye for that late fall and early spring pasture. Several northeast Iowa farmers who are short on pasture plan to start feeding from their silos as soon as filling begins.

▲ ▲ ▲

GET READY for next spring's litters. J. J. Wallace, manager of the Iowa State College foundation farms, makes it a point to see that the best litters on foundation farms are marked for gilt selection. And he starts looking around for boars about this time, too.

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EXTRA ATTENTION pays off well in hog profits, R. K. Buck, of Washington county, Iowa, believes. Watch your hogs for signs of lice and mange at this time of year. Be sure your feeders are always full and that the hogs have plenty of water. Hogs can't gain at top efficiency if they're short of feed or water.

▲ ▲ ▲

IT'S TIME TO GET in another round in your battle to conserve soil. September is the month to fill ditches and start grass waterways. Fall rains will help the grass get started and give you some protection against the heavy rains next spring.

▲ ▲ ▲

SELL SPRING PIGS when ready for market. Many Iowa Farm Business Association members believe the fall drop in hog prices will come earlier than usual this year. So they're pushing their pigs to market as soon as they are ready.

▲ ▲ ▲

CHECK new seedings. A Wayne county, Iowa, farmer plans to protect his fall seedings by poisoning grasshoppers. A few 'hoppers may entirely kill a new seeding. Don't graze new seedings closely late in the season. Allow plenty of growth for root storage and winter protection.

▲ ▲ ▲

TEMPORARY shelters for livestock can be made out of corn bundles or baled straw. Howard Hill, Dallas county, Iowa, has found these temporary shelters give good winter protection. Make a strong framework of posts and old wire to withstand the wind and rubbing of animals. Be sure the building is located on a high point of ground, to provide good drainage.

SAVE TIME in feeding new corn to hogs. Spread the corn with a manure spreader.

▲ ▲ ▲

FALL IS THE TIME for home repairs and improvements. Get the water system in. Check your needs for storm windows, storm doors and weather-stripping. Fill cracks in the foundation, and, most important of all, see that the flue has no cracks. Winter will soon be here.

STUDY CATTLE markets closely. Leroy Getting, O'Brien county, Iowa, thinks this is the year it will pay to keep a close eye on the feeder cattle market. When the business picture is uncertain and has some downward tendency, buying cattle at the right price becomes more important than ever.

▲ ▲ ▲

LOCATE POULTRY FEED storage close to the feeders. It will hold down the labor with poultry, Lee Hill, Warren county, Iowa, says. A feed room in one corner of your hen house will do the trick. And check over the house to make sure it's weather-tight and that there are no leaks in the roof.

HOUSE PULLETS as the first eggs are laid on summer range. That's one of the secrets to fall profits from pullets, says a successful Clayton county, Iowa, farm poultrywoman.

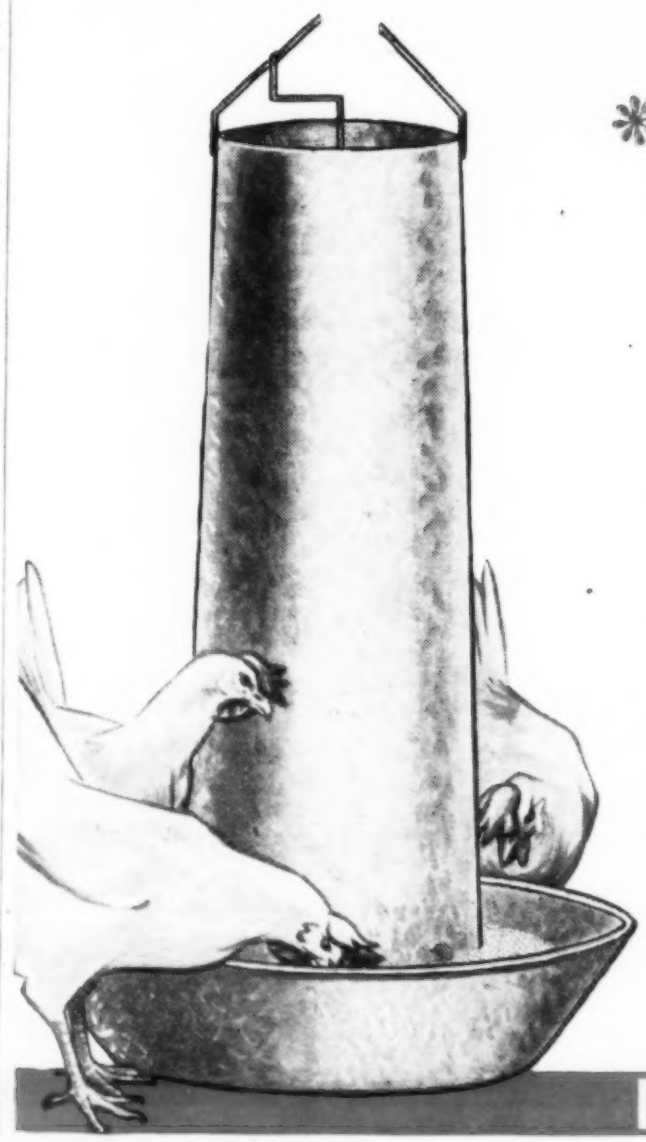
▲ ▲ ▲

REPAIR fences and gates around fields which will be grazed this fall and early winter. A little check-up now may save an emergency repair job during the rush of corn picking.

▲ ▲ ▲

HARVEST pumpkins, squash and tomatoes before they are frosted. But Iowa State College horticulturists say you don't need to worry about cabbage, endives, celery and the like. They'll stand several light frosts.

Why We Fortify Kellogg's EGG MASH with Natural APF*



* Everyone agrees that APF, the animal protein factor, puts a powerful "kick" into growing feeds. It often produces amazing increases in growth, big savings in feed.

Many scientists suspect that APF also stimulates and maintains long-time egg production. But nobody has proved this — at least not yet. Until then what do we do?

This is Our Answer

We're fortifying every bag of Kellogg's Egg Mash with natural APF to protect *you* — to give *you* the advantage of possibly greater production than you might otherwise get. Every bag of Kellogg's Egg Mash contains 300 micrograms of Vitamin B-12 activity. B-12 is the only identified part of the APF "group." Some manufacturers add it synthetically.

Why we use the Natural Product

To fortify your feed, we use homogenized condensed fish—one of the richest and best known sources of APF. Because it's *natural*, it contains other nutrients, some of which *may be just as valuable as B-12*. This is just one reason why you'll want to feed your new layers Kellogg's Egg Mash.

KELLOGG COMPANY FEED

How Figure Tax On Sale Of Farm?

To the Editor: My wife inherited a farm in 1920. Now we have sold the place. How do we go about figuring the income tax that will have to be paid?—D. N., Clayton County, Iowa.

You use the fair market value of the farm at the time your wife acquired it. Here is how you figure what the profit or loss will be on the sale:

To find the total cost: Add the fair market value at the time title was taken, the cost of all improvements (fences, drain tile, buildings, wells, etc.) you've added to it and the cost of selling, such as agent's commission and abstracts. The sum of these will be your costs.

To find the total amount received for the farm as the internal revenue men require you to figure it: Add the sale price and all depreciation allowed or allowable on farm buildings and improvements since you took title to the place.

The difference between the two figures will be your profit or loss. Any loss is fully deductible in the year in which it was incurred—in other words, when you sell the farm. If there is a profit, it is a capital gain and half of it is taxable. Fifty per cent of the profit is transferred from Schedule D to Form 100 for taxation purposes.

SERVICE BUREAU

The Sign of Protection

How Divide Line Fences?

To the Editor: My neighbor and I have been having some arguments about fence lines. Is there a law saying which half of a line fence I must keep up?—L. N., Winnebago County, Iowa.

There is no law in Iowa that says which end of a partition fence a land-owner must keep up. There is a custom that a man should take care of the right half when he stands on his land facing the fence. But this is only custom, not law.

The only way a partition fence can be divided is by written agreement, duly acknowledged, and recorded at your county recorder's office. If you and your neighbor can't agree on a division, then you can call in the township trustees, who, as fence viewers, have the right to divide the fence.

Can He Get Loan To Buy Land?

To the Editor: Can you tell me if the government is making any loans to farm tenants wanting to buy farms? Whom should I see regarding a loan? —L. S., Warren County, Iowa.

The Farmers Home Administration makes tenant-purchase farm loans. You should get in touch with the FHA supervisor for your county. Supervisors often cover more than one county, so you may be able to see yours only on certain days of the week. Inquire at your courthouse if you don't know when the supervisor is in.

In Warren county, you can see the supervisor at the courthouse on Friday afternoons.

Neighbor's Chickens Eat His Alfalfa

To the Editor: My neighbor has pulled a range shelter for his chickens to within a few feet of our line fence. His chickens run thru the fence and range on my alfalfa. What can I do? — M. P., Ringgold County, Iowa.

There is no specific distance which a chicken house or a range shelter must be kept from a partition fence. The owner of the chickens is not required to restrain them from running at large. But he is liable for any damages.

If your neighbor refuses to settle for the damages, your only recourse is to sue.

Who Pays When Car Kills Cow?

To the Editor: One of our cows got out on the road one night. Along came a neighbor in his car, hit the cow, and killed it. Can he sue me for damages?—E. E., Jones County, Iowa.

That depends on the fact. If your cow was on the road thru negligence on your part, you would be liable if the driver of the car was not negligent, too.

If you were not negligent, then you could recover for the value of the cow, and the driver couldn't recover damages to his car. The driver of a car is required to keep a lookout and to have the car under control so he can stop.

If both parties are negligent, neither party could recover.

GUARANTEED B-12 — Kellogg's Egg Mash is fortified with 300 micrograms of vitamin B-12 activity per bag. It contains homogenized condensed fish — one of the best known natural sources of APF.

10 VITAL AMINO ACIDS

	Units in the eggs a Hen Lays	Units she gets in Kellogg's Egg Mash		Units in the eggs a Hen Lays	Units she gets in Kellogg's Egg Mash
1. Arginine	.462	2.448	6. Methionine	.217	.408
2. Histidine	.210	.918	7. Phenylalanine	441	1.63
3. Isoleucine	.378	1.734	8. Threonine	.378	1.407
4. Leucine	.651	2.835	9. Tryptophane	.140	.489
5. Lysine	.574	2.142	10. Valine	.511	2.08

based on 70% production for 100 days

Get Kellogg's Amino-Built Egg Mash

Why Hens Need Better Protein

We all know that when a hen builds an egg she doesn't pack feed protein into the shell. She breaks down the proteins, then recombines them. She can make them into eggs *if all the right pieces are there.*

She needs at least 10 *different* protein units — the 10 vital amino acids — to produce eggs. She needs them in the *right* proportion to turn feed into eggs efficiently.

Why Kellogg's Egg Mash is Better

That's why Kellogg's Egg Mash is Amino-Built — a step beyond feed that's just protein built. To give your hens a better balance of the vital 10 protein units, we check what's in *each type of protein ingredient.* Result — you get a better feed, built for better results.

What's more, Kellogg's Egg Mash contains the right minerals, vitamins and other nutrients that your laying hens need with grain. It's a completely balanced feed that will help you turn grain into extra profits. Start feeding your hens the Kellogg way. See your friendly Kellogg Feed Dealer today. Kellogg's Egg Mash is available in three forms — mash, pel-etts, and crumbs.

FEED DIVISION Omaha, Neb., Battle Creek, Mich.

A PROVED PRODUCT...
THAT IS GUARANTEED...

AND YOU BUY IT IN
THIS BIG UTILITY CAN

MEDICRUDE

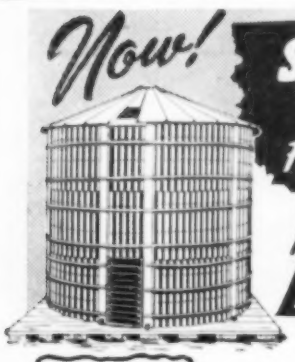
FOR HOG LICE AND SARCOPTIC MANGE

For 30 years, Medicrude has been used as an aid in the treatment of hog lice and sarcoptic mange. In vats, wallows, for dipping, spraying and on rubbing posts.

Now you get it in a valuable utility can that has dozens of uses. Ask your friendly D-X Farm Serviceman or write direct.

FARM D-X SERVICE

MID-CONTINENT PETROLEUM CORPORATION
Waterloo, Ia. TULSA, OKLA. Terre Haute, Ind.



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STEEL-STRONG CORN STORAGE
For As Low As **$95.00**

U. S. APPROVED
Rhoades DOUBLE STRENGTH
ECON-O-CRIB

CRIB YOUR CROP IMMEDIATELY
Add the Roof Later!

STRONG! The "secret" is in the steel ribbing.

ECONOMICAL! Use your own snowfence.

MULTI-PURPOSE! Adapts for small grains and silage.

This ingenious "Steel Ribbed" crib features a quickly erected frame of sturdy 2" x 6" uprights, securely bolted to encircling ribs of durable channel and strap steel. Simply fasten your own wire or snowfence inside the frame to complete a durable, rigid 1,000 Bu. crib for only $95.00. Scoop door adds $11.50. Start with this economical unit . . . add galvanized steel roof later for "corn-loan" approved storage.

WHY PAY $300 to $600?

The complete Rhoades "Econ-o-crib" costs only $194.50;* yet gives the same long years of use credited to higher priced cribs. Much safer, longer life than wire mesh cribs without encircling bands. Easier to erect than digging holes and setting "rings." Average Econ-o-crib storage costs under 3c per bushel a year. Door opening 2' 7" x 12'; easily padlocked. Elevator opening in roof. PERMANENT, YET MOVEABLE!

SOLD TWO WAYS . . .*Buy units as you need them or order complete unit for only $194.50. Complete Econ-O-Crib 1000 bushel unit consists of frame, scoop door and roof..... **$194.50**

FRAME ONLY . . $95.00
SCOOP DOOR . . $11.50
ROOF . . $88.00

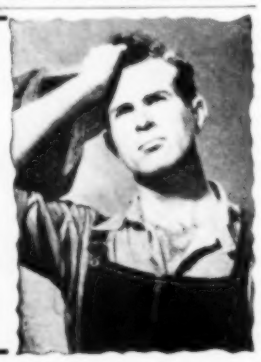
MAIL COUPON for ILLUSTRATED LITERATURE

RHOADES MFG. CO., 1415 N. 18th St., Dept. W-9, OMAHA, NEBRASKA
Please send complete Econ-o-crib literature.
Name.....
Address.....
City.....State.....

Econ-o-crib qualifies for low cost CCC storage loans. Start now . . . See your dealer or order direct . . . Be Ready! Solve your storage worries for years to come this easy way!

"FARM ACCIDENTS HAPPEN 3 TIMES OFTENER"

PROTECT YOUR LIABILITY TO HIRED MEN, TO VISITORS, TO THE PUBLIC with FARM LIABILITY INSURANCE. SEE YOUR ALLIED MUTUAL AGENT.



ALLIED MUTUAL CASUALTY COMPANY
Hubbell Bldg. Des Moines, Iowa

An Iowa farm girl, Joy Scott, Palo Alto county, is a double beauty winner. She was named "Miss Dairy Queen" at Emmetsburg this year, in 1946 was Palo Alto Centennial Queen.

Farm News Briefs

IOWA SWINE Producers Day—first since 1930—is set for September 30 at Iowa State College.

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OTHER FIELD DAYS sponsored by Iowa State College this month include a corn and soybean day at Ames, Sept. 13, and at these outlying experimental farms: Albia, Sept. 23; Independence, Sept. 28; Saratoga, Sept. 28; Clarinda, Sept. 29; Castana, Sept. 30.

▲ ▲ ▲

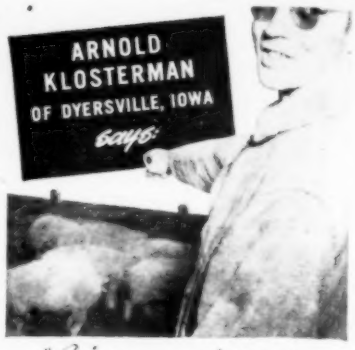
DAIRY LEADERS thruout the U. S. have organized a Dairy Shrine Club, with headquarters at the Waterloo Dairy Cattle Congress. The club will award a scholarship to the top college judge at each year's Dairy Cattle Congress, starting in 1950. And it will honor dairy leaders by hanging their portraits in club headquarters. First man to be so honored will be H. H. Kildee, retired dean of agriculture at Iowa State College.

▲ ▲ ▲

TOP IOWA WINNERS in Goodyear Tire and Rubber Company's second annual soil conservation awards program are the Shelby County Soil Conservation District, Harlan, and three of its members — Francis Kenkel, Herman Johannsen and Arnold Lebeck. Second place winners in Iowa are Carroll Soil Conservation District and members Clem Koster, Herbert Ullerich and William Tophorn. Third place goes to the Woodbury Soil District and members Lawrence Eberly, Fred Held and N. Theobold.

▲ ▲ ▲

COMING EVENTS: September 9-10, Iowa Farm Sports Festival, Ames; Sept. 14-17, National Barrow Show, Austin, Minn.; Sept. 15, National Soil Conservation Field Day and National Plowing Match, Polk county, Iowa; Sept. 20, National Plow Terrace Contest, Cuming county, Nebraska; Sept. 30, Iowa Swine Producers Day, Ames; Sept. 30-Oct. 9, Ak-Sar-Ben Livestock Show, Omaha; Oct. 3-9, Dairy Cattle Congress, Waterloo; Oct. 10-13, FFA Convention, Kansas City, Oct. 15-22, American Royal Livestock Show, Kansas City.



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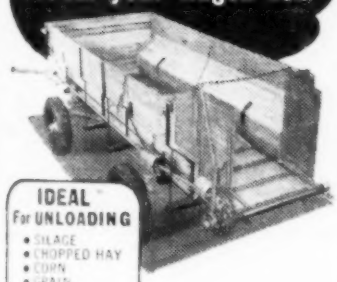

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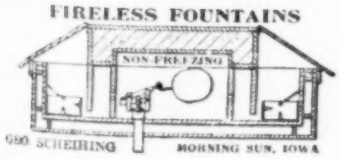

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$15 Hogs In December?

Nobody can say for sure what farm prices will be next week or next month. But here is an informed guess from Francis Kutish, of Iowa State College.

HOGS: How fast will the usual fall slide in hog prices be? That depends on business in general—and how fast farmers market their hogs. Prices will be supported at $18.50, Chicago basis, during the first 25 days of September. Support for the last five days will be $18.25.

After October 1, price supports will be figured on the basis of 90 per cent of September 15 parity. They'll go down as the marketing season progresses, reaching $14.75 or $15 in December.

CATTLE: Uncertain business conditions make the risk in feeder buying greater than usual this fall. But it's no worse than a year ago. In best shape will be farmers who plan to make their profit from the feeding process itself—rather than from price margins.

Feeding profits won't be very high for the next several months. But the skilled feeder who has the capital and knows the business probably will want a moderate-sized cattle feeding program to round out his livestock enterprise.

LAMBS: The 1949 lamb crop is down 6 per cent—smallest on record. That puts feeders in a potentially strong position. Profits will depend on general business strength in December and January, when lambs head for market.

CHICKENS: The meat bird outlook will stay about the same as it's been in the last two months—not favorable for profits. Turkeys likely will be at support levels. With meat supplies ample, the seasonal slump in egg prices should come earlier than usual. Put prices are protected by a price support program.

DAIRY: Some seasonal rise in dairy product prices is in sight. The support price for butter is up. And output of dairy products soon will be dropping. Income position of dairymen will stay about the same as in the past few months. The dairyman's position, as compared with the meat animal producer, probably will continue for some time.

FEEDS: Supplies of feed concentrates may set a new record. Supplies per head of livestock also may be a record—despite increasing livestock numbers. Supplies of by-product feeds should be about the same as in recent years—there are more acres in oil-seed crops, but yields may be down.

"Maybe we should wait until he's a little stronger before we show him his father."

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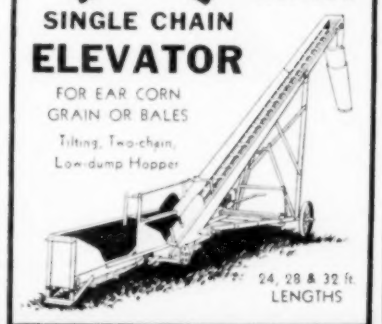

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SERIOUS TROUBLE

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One of the danger signs of Pin-Worms is the tormenting, embarrassing rectal itch. And this can be the warning of more serious troubles . . . even internal inflammation and bleeding.

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Just Remember: P-W ® for Pin-Worms!

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Will not "break down" in sprayer; no agitating equipment needed. Controls sarcoptic and demodectic mange, hog and cattle louse. No objectionable odor, will not taint flesh of hogs. 6 oz.—$1.25 (makes 8 gallons)

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AGENTS: Steady profits selling, installing Firedaire parlor furnace. With doors removed, it becomes a real open fireplace. Fits against wall, stays up year-round, burns any fuel. Heats up to 7 rooms. Nothing else like it! Write: A. W. Fischer, FIREDAIRE Division, Anderson Stove Co., Box 354 WF, Anderson, Indiana.

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Homemaking Department

Edited by **ZOE MURPHY**

Mrs. Ralph Michel, Linn county, Iowa, uses a hand broiler when she cooks wieners over the outdoor fireplace.

Fireplace Cooking

DOES your family want more good times together? Do you like parties and picnics? Would you entertain more if it weren't for getting the dinners? Then you need a fireplace and picnic spot on your back lawn.

It's good to take time out for living—while the children are young and still with us. Town people frequently go to the park for a picnic supper. Why not the farm family—especially when they can have a picnic right in their backyard.

It may really be easier on Mother than preparing the usual meal indoors. Ask Mrs. Marvin Fernow, of Linn county, Iowa, the mother of four small children.

"The kids and I ate out by the fireplace three or four times last week when the weather was nice," she said. "It does save a lot of wear and tear on the house."

But what can you cook at these fireplaces? asks the practical-minded housewife, thinking of wieners on sticks.

Mrs. Ralph Michel, also of Linn county, does cook wieners, but uses a large hand broiler for the purpose. It consists of two wire grills, hinged together at one end, with a long wire handle. You open it, then place this on the fireplace bars, over the direct flame.

Potatoes, fried in a big skillet, are generally on the menu. The Michels have had fish-fries, too. They make coffee in the house, but keep it hot in a pot over the fireplace.

"A favorite with us is steaks grilled over the fireplace," said Mrs. Fernow. "I've used the broiler, same as for wieners. But someone told me once to lay the steaks right on the bars. I guess the bars are clean enough—the heat should sterilize them.

"We always pop a pan of corn when we get thru," she went on. "Things you can eat with your fingers always work fine."

"Anything will do, tho," her husband added. "We'll just pick up what we've got and go out to the fireplace and have a lot of fun. We've been wanting to roast ears of corn in the husk, laid directly on the coals." (After all, wasn't that how the term "roasting ears" originated?)

"You'll eat twice as much at a fireplace," he went on, "for everything tastes twice as good out there.

"In a fall evening, you really enjoy a fireplace more than in summer-time. We have eaten out when it was really cold—with our coats buttoned up, and sitting close by the fireplace to keep warm."

From the very beginning of civilization, the campfire has been a symbol of friendly intercourse. Maybe that's why modern man is instinctively attracted to a fireplace when he craves companionship.

Once silo-fillers came unexpectedly, Mrs. Fernow said, and she served dinner for them out at the picnic tables. Hamburgers were fried over the fireplace in a big pan. The rest of the dinner was carried from the house.

The men thoroly enjoyed the meal. "They talked about that dinner for a long time afterward," said her husband.

One night, a card club from town had a picnic in their yard. That time, everything was prepared at the fireplace, even to the coffee.

The Michel family recently entertained a DeMolay group around their fireplace. There were 20 or 30 couples, to sit in the lawn swing, or on chairs, or just on the grass. A radio, placed in a window of the garage alongside, furnished music.

The Michels' daughter, Jean, has entertained the Youth Fellowship from her church there, too. They recalled no end of occasions, from Fourth of July picnics to small family groups.

One was a fish-fry, after they had returned from a fishing trip to Minnesota. Four couples went together for the occasion. The fish were fried in skillets set on the bars.

The fireplace at the Fernow place has two pieces of boiler-plate which just fit over the bars, to make a solid cooking top. This avoids smoking up the skillet, and aids the draft, too.

The cooking top is 18x36 inches. Each iron sheet is 18 inches square. One of these can be placed upright at the draft end of the firebox, to help control the fire.

The fireplace at the Ben Carpenter farm, also in Linn county, has convenient wings at each side, which serve as a work-table.

Flies and bugs used to take the joy out of life at picnics. But in this DDT era, you can pretty well control them. The Fernows not only sprayed their buildings for flies, but the bushes around the picnic spot as well. But they still have some trouble with the little bugs which so often get into raspberries.

The Michels found that their yard light helped attract these pests away from the picnic table. "Gnats will bother potato salad," said Mrs. Michel. "I guess it's the vinegar in it that draws them. So I keep the salad covered until the meal is ready."

Canning a bushel of peaches is just part of a day's work for Mrs. Eugene McLeod, of Tama county, Iowa.

COOKERY CORNER

ORANGE DROP COOKIES

1 cup butter
1½ cups brown sugar
2 eggs
1 cup sour cream
1 teaspoon orange rind
½ teaspoon salt
2 teaspoons vanilla
2 teaspoons baking powder
1 teaspoon soda
3½ cups flour

Combine all ingredients and mix thoroly. Drop by teaspoonfuls on cooky sheet. Bake at 350 degrees for 15 minutes. Frost with powdered sugar moistened with orange juice. — Mrs. C. J. Pollock, Linn County, Iowa.

GOOD OLD RAISIN PIE

1½ cups seedless raisins
1½ cups boiling water
Grated rind and juice of half a lemon
1 tablespoon flour
½ cup sugar
1 teaspoon butter

Cook raisins in boiling water until tender. Mix flour and sugar and add to raisins, stirring until thick. Add lemon and butter, cool slightly, and bake between two crusts. Serves six.—Mrs. L. G. L., Jones County, Iowa.

MARSHMALLOW CHERRY COBBLER

2 cups unsweetened cherries
4 tablespoons sugar
2 tablespoons flour
16 marshmallows
¼ teaspoon almond flavoring
1 tablespoon lemon juice
¼ cup lard
½ cup sugar
¼ cup milk
1 egg
½ teaspoon vanilla
1½ cups flour

Cream lard and sugar. Add egg. Mix well. Add milk and vanilla. Mix. Sift together flour and baking powder. Add to sugar mixture. Blend. Place two-thirds of dough on well-floured board. Roll out. Line an 8x8-inch pan with dough. Pour cherries in dough-lined pan. Add flavoring to lemon juice and sprinkle over fruit in pan. Mix together sugar and flour. Spread over cherries. Arrange marshmallows evenly over all. Roll out the remainder of dough on a floured board. Place over top of cherries. Crimp as for pie. Serve hot or cold, with whipped cream or ice cream.

CHOCOLATE FLUFFS

⅓ cup butter
¾ cup powdered sugar
3 eggs
2 squares chocolate, melted
¼ cup sifted bread crumbs
½ cup chopped walnut meats

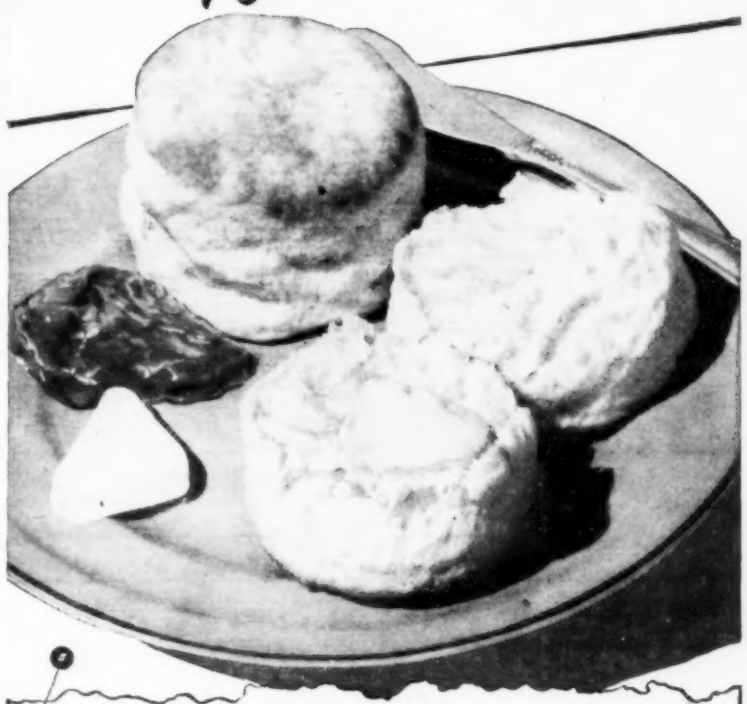
Cream butter with sugar, add egg yolks, slightly beaten, melted chocolate, and crumbs. Beat egg-whites and fold into the mixture. Grease two shallow cake pans and pour one-third of batter into each, reserving the rest for filling. Bake in a moderate oven for 20 minutes. Remove from pans and put together with the one-third reserved, adding the walnuts to this filling. Serve with whipped cream. Serves six.—Mrs. Bud Crawford, Custer County, Nebraska.

BURNT ALMOND ICE CREAM

1 teaspoon plain gelatin
1 package vanilla pudding mix
¼ cup sugar
2 cups milk
1½ cups sugar
1 teaspoon vanilla
¾ cup unblanched toasted almonds, ground

Soften gelatin in one-fourth cup milk. Add remaining milk to pudding mix in top of double boiler. Cook over water until thickened, stirring constantly. Stir in softened gelatin until dissolved. Remove from fire. Add sugar, cream and vanilla. Pour into freezing tray to freeze until slightly firm. Remove from tray to bowl. Beat with rotary beater until smooth, but not melted. Stir in nuts. Return to tray. Makes one quart.

Here's a HOT IDEA for Dinner!



BETTY CROCKER BISCUITS

Make either type biscuits desired

	RICH	REGULAR
Sift together	4 cups *sifted* Gold Medal Flour	4 cups
	*6 tsp. double-action baking powder	*5 tsp.
	*2 tsp. salt	*2 tsp.
Cut in with pastry blender or 2 knives until mixture looks like "meal"	¾ cup shortening	½ cup
Stir in	1⅓ cups milk	1½ cups

Round up on lightly floured cloth-covered board. Knead very lightly ... just to smooth up. Roll or pat out about ½-in. thick. Cut with floured biscuit cutter. Place on baking sheet. Bake until golden brown. Serve piping hot with butter and jelly, honey or syrup.

Temperature . . . 450° (hot oven)
Time . . . . . 10 to 12 minutes
Amount . . . . about 40 1¾-inch biscuits

*If you use Gold Medal Self-Rising Flour (sold in parts of the South), omit baking powder and salt.

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Uniform Shape	yes
Slightly Rounded Top	yes
Evenly Browned Crust	yes
Tender Crust	yes
Tender Crumb	yes
Velvety Even Grain	yes
Good Flavor	yes

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No. 3174—Lovely blouses that require just one yard of fabric for each style. Sizes 12, 14, 16, 18, 20, 40 and 42.

Patterns are 25c each, in coin or stamps, coin preferred. The New Fall and Winter FASHION is also 25c. It will delight you with its wealth of sewing information. Send all orders to the Pattern Department, Wallaces' Farmer and Iowa Homestead, Des Moines, Iowa. PLEASE TAKE NOTE: Be sure to include your name and address when sending orders.

There's nothing better than a glass of milk and a sandwich for an afternoon lunch. Merle and Kay are the children of Mr. and Mrs. Frank Danskin, of Iowa county, Iowa.

COUNTRY AIR

By ELIZABETH C. WHERRY

SO I PROMISED you a column about the north woods to read while you rest your aching feet after a visit to the Iowa Fair.

* * *

Up beyond Port Arthur, a Canadian friend of mine spends her summers in a lovely knotty pine lodge. She solves her guest problem by having guest houses and putting each guest on his own. Delightful!

* * *

With a lake and a pier at my door, the perpendicularity of north woods pine and birch to sway gently above my hammock, a fire at night to warm me, and every other conceivable comfort, what else could there be for a girl to do but relax?

* * *

Especially a girl who has spent most of her Augusts canning beans and blackberries!

* * *

At night, I lie abed and watch the long northern twilight stretch itself to within an hour of midnight. The whitened sheet of lake tugs at my drooping eyelids.

* * *

I am in a blissful half-world—loath to give up the delights of a do-less day for the blessed oblivion of dreamless sleep.

* * *

As I go about my shining knotty pine lodge, there's a game I play. I consciously keep my eyes away from the windows for, oh, maybe two whole minutes at a time. Then I gasp anew with delighted surprise as I raise my eyes to the restless expanse of the lake.

* * *

Much as I love the blue-green of Iowa corn fields just before tasseling—such as I left in July—I feel not the least spark of unfaithfulness in falling in love with the lake.

* * *

I had always suspected it, but now I know my infinite capacity for loafing.

* * *

My host took us for a two-day sail on Lake Superior. Anchored in Pidgeon Bay for the night, we watched the sunset light over the water.

* * *

He has carried on lumber operations in this area for thirty years. I could understand him when he said quietly: "I love Lake Superior"

* * *

Were he to climb the hill I love most at the farm, and look over the corn fields, he could understand me when I say: "I love Iowa"

* * *

Man learns to love the medium with which he works. If he doesn't, he is not where he belongs, or else he doesn't know the fullness of his medium.

* * *

You probably won't believe me, so there's not much use telling you that we made the out-of-this-world trip on my host's private yacht. But, after all, for just one year, it's all right for a girl not to can beans and blackberries, isn't it?

* * *

But you will believe me (and probably laugh impolitely) when I tell you that back at the home camp I fell out of the row-boat. My hostess did the same thing!

* * *

The sun-dappled sand of the lake bottom looks like brown sugar frosting—but doesn't taste like it. My hostess nonchalantly tossed her glasses in the boat and took off for a swim, as tho that's what she meant to do all the time.

* * *

She was dressed for it—I was not. Even if I had been, I can't even dog-paddle. But, once in, why not act as tho I'd meant it that way?

* * *

My rayon dress nearly shrank off me. So now I go in by design and properly clad—in not one, but two borrowed bathing suits, each long enough one way or the other from the middle to maintain the middle-western decency of a landlubber.

Dessert Sensation!

DEVIL'S FOOD PUDDING

Baked the PHILGAS way

3 sq. unsweetened chocolate
1½ cups granulated sugar
1½ cups milk or (¾ cup evap milk and ¾ cup water)
2 cups sifted all-purpose flour
1 teasp. baking soda
½ teasp. salt
½ cup shortening
2 eggs, beaten
1 teasp. vanilla

(1) Melt chocolate in double boiler, add ½ c. sugar, ½ c. milk, stir till thickened. Cool. (2) Cream shortening. Add remaining sugar slowly. Add eggs, mix well. Add chocolate mixture. (3) Sift flour, baking soda, salt. Add flour mixture alternately with remaining milk and vanilla. (4) Grease 9" Angel Cake pan. Put wax paper on bottom. Bake 1 hr. 10 min. at 350°F. Cool on cake rack. Serve warm with whipped cream or fruit. 6-8 portions.

Range shown above is Philgas Tappan B-2048

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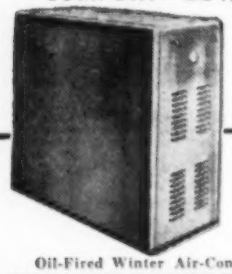

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Des Moines, Iowa

Sewing For School Children

Many Women Buy Clothing For Boys, But All Of Them Sew For Their Younger Girls

MOTHERS of school children are now checking over their youngsters' clothing supply. Then comes the question: Shall I make or buy the new clothes they need?

Most mothers are inclined to buy boys' clothing ready-made. As Mrs. Maynard Chance, of Hardin county, Iowa, puts it: "If your time is worth anything, it really doesn't pay to make boys' clothes yourself."

But, along with other Hardin county women visited, she feels differently about daughter's dresses. These women are apt to buy their own best dresses. But they'll all sew for the younger girls.

Why? First, because it's economical. "You can make two dresses for the price of one you buy," said one woman. Another pointed out that a ready-made dress for the daughter costs about as much as one for herself, but requires only half the material.

Charlotte reluctantly submits to being measured for a new dress. She's the daughter of Mr. and Mrs. Harold Wasson, Guthrie county, Iowa.

Mrs. Harold Cable's three daughters like the dresses Mother makes best. Perhaps it's because they have a hand in the planning. Mrs. Cable allows extra material for increasing size as the girls grow. That's an economical feature you don't find in ready-mades.

Little Judy Chance likes to help Mother buy the dress goods. She'll name her dresses, according to the designs on them. One is her "Birdie" dress; another one is the "Merry-Go-Round."

Mrs. Chance likes to construct school garments that aren't too fancy. Mrs. Cable agrees. Ready-made ones," she said, "have too many frills, pleats and things. And that makes them hard to iron."

School dresses need to be something that's washable. So you find the materials these women buy are mostly cotton.

Mrs. Claude Sanders and her two daughters do most of their own sewing. They had just bought $26 worth of yard goods—enough for 10 garments. This included the school outfit the younger daughter, Mary Lou, was making for their 4-H style show.

The family had completed two light-weight coats. But Mrs. Sanders wouldn't advise anyone to make coats or suits until she's had a lot of sewing experience.

These women all find patterns a big help. Even if one can cut her own, it saves time to use the commercial ones.

There's still the problem of getting a pattern to properly fit the growing youngster. Don't buy patterns by age. Check against the measurements of the child instead. Measure waist, hips and high bust.

If you can't find a pattern to match all three, get the one with correct bust measurement—if it's a dress or blouse. Then you can make over the pattern to fit the rest. For a skirt, choose the pattern with correct hip measure.

The first step in making any garment is to study your pattern. Be sure you understand all of the instruction marks. Visualize how it will go together. Then lay out the pattern on the goods, following the layout suggested on the instruction sheet.

Fit is very important for a good-looking garment. Mrs. Chance says: "I believe I spend more time fitting Judy's dresses than I do sewing them."

There's an excellent sewing booklet for 4-H girls enrolled in sewing projects. Among other things, it tells, by diagrams and simple instructions, how to make any alterations necessary on a pattern.

Always be careful to lay the pattern with the "straight of the goods." Maybe you have heard it called the "grain line." You'll find this line marked on the pattern by perforations.

Unless labeled pre-shrunk or sanforized, all cotton materials should be shrunk before you cut them out.

Finally, be sure to keep the iron handy for pressing. Press each seam after it is stitched. That is essential for good workmanship.

Use Honey For Sweetening

Serve honey fruit cup as a first course or dessert. If fruits in the cup are mild and sweet, mix lemon juice with honey, add to the fruit, and then chill before serving. If the fruit includes a tart kind, such as grapefruit, add honey alone.

Use honey with fruit salads—ambrosia fruit salad, for example. Peel and slice oranges and dip the slices in honey, then in shredded coconut. Place the slices on lettuce and top with berries or cherries.

For a quick salad dressing to go over fruit combinations, mix equal parts of honey and lime juice. Add celery seed, if desired.

When baking apples, add honey and table fat to each cored apple. Baste with honey during baking.

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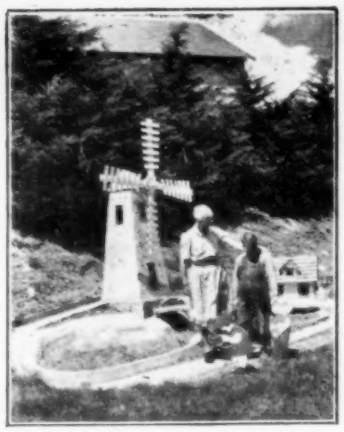

Paul Pollard enjoys the unusual yard of Mrs. Polly Hanner, Woodbury county, Iowa.

Keep Fighting Polio

POLIO is still a mystery. Undoubtedly, the disease germ enters thru the nose, throat and mouth. It may enter the mouth and travel to the stomach and intestines.

Water and milk have both been suspected of carrying the germ; It's not known for sure that either or both are culprits.

Polio may start with headaches, possibly a sore throat or a cold and nausea. Then, within a day or two, the muscles begin to get sore and are tender to the touch.

The youngster coming down with polio will show signs of being irritable—a sort of "just go away and let me alone" attitude. Usually, fever is present.

If someone in your family shows any of the symptoms you've just read, here's what to do:

1. Keep the patient in bed.
2. Take his temperature — not just a "quickie," either, but a full three or four-minute temperature reading. Temperature should be taken at least three or four times a day, and the readings jotted down so the physician can look at them later.
3. Write out a careful list of all complaints, whether it's headache, joint pains, temperature, etc.

Maintain an adequate intake of water and other fluids, and keep a close check on the patient's elimination.

5. Keep the rest of your family away from the patient, and hang out the "No Visitors" sign. Remember, polio may be "catching."
6. If the symptoms do not subside in 24 to 48 hours, call your own family doctor.

To date, many suggestions have been offered for curbing the spread of polio, but no satisfactory treatment has as yet been developed.

The researchers keep working. The March of Dimes, sponsored by the late President Roosevelt, has been a source of money to help carry on the numerous experiments.

So far, the best treatment lies in not catching the disease in the first place. During the polio season, see that your children—and you, too—get enough rest.

Avoid crowds. Beware of sudden chilling, and, when eating raw foods, such as fruits and vegetables, be sure they're clean.

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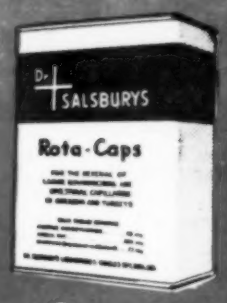

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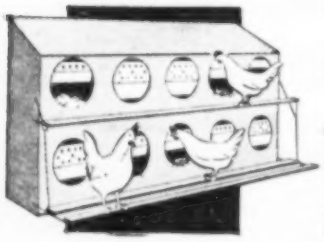

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NEW ROCKFORD *Socks*

NOT A SEAM FROM TOE TO TOP

THE FARM FLOCK

WHEN SHOULD the pullets be housed? At least by the time 5 to 10 per cent of them are laying, say college poultrymen. Later housing may set them back.

▲ ▲ ▲

NIGHT IS BEST time to move pullets from range to laying house. Young pullets are nervous and flighty, should be handled gently.

▲ ▲ ▲

PULLETS can not build up to high production unless you give them the raw materials. Keep plenty of mash in the hoppers, plenty of water in the fountains. And don't forget to provide enough nests—one to every five birds is about right.

▲ ▲ ▲

DISEASE can knock your pullets for a loop if you aren't careful. Best ways to avoid trouble are to give them a clean house, plenty of air while weather is warm, and no chance to mix with old hens.

▲ ▲ ▲

PULLETS will do their best only if you give them clean quarters. Before housing the pullets, scrape out all dried dirt and manure. Then scrub with lye and hot water. End up with a disinfecting spray. Then start your deep litter with short straw, shavings, chopped cobs or similar material.

▲ ▲ ▲

COLDS AND ROUP among newly housed pullets can be avoided by making the change to indoor life as easy as possible. Keep windows open until cold weather arrives.

▲ ▲ ▲

WHATEVER you do, don't mix pullets and old hens. It means more disease among the pullets, more picking, more shy and underfed birds.

"CLEAN EGG" or community type nests (no partitions) will reduce by 50 per cent the number of dirty, broken and cracked eggs.

▲ ▲ ▲

NEWCASTLE disease, pullorum and other poultry diseases can ride home on your shoes or clothing. They can be carried on tractor or truck tires, too, says Dr. George Woods, University of Illinois. So keep visitors away from your chickens. And change or disinfect your clothes before going near your flock if you've visited a neighbor who has sick birds.

▲ ▲ ▲

WOOD SHAVINGS make the best litter for nests, oat straw makes the worst, say Ohio State College poultrymen.

▲ ▲ ▲

BLUE COMB DISEASE—so-called because comb, skin and shanks turn dark—is most likely to hit birds five to seven months old. But chickens of any age may have it. First symptom is loss of appetite, and food remains in the crop. Sick birds have high fever, followed by temperatures below normal.

▲ ▲ ▲

THIS METHOD of treating blue comb is suggested by Ohio State University: Stop all grain feeding until birds recover. Make a laxative from three-fourths pound of epsom salts in two gallons of water and leave it in waterers for two hours. Then put a teaspoon of potassium dichromate in four gallons of water and use this solution to water the flock for four or five days. Another treatment is to put a teaspoon of potassium chloride in each gallon of drinking water for one week. During the second week, feed one and a half pounds of potassium chloride in 100 pounds of mash.

HIRED HAND HARLEY—"It Was Good Practice For The Real Thing, Harley"

More pullets, fewer hogs—that's what Burt Feyold, Humboldt county, Iowa, wanted to raise. So he changed two 100x48 hog houses (top) into hen houses (bottom). He took out pens and bins, added ceiling insulation and dividing partitions. The houses will hold about 1,500 layers. All can be fed in about 15 minutes.

Cold Hens Don't Lay

And Neither Do Crowded Birds

SO YOU'RE thinking about remodeling your hen house. Well, you're probably hoping to do one of two things: Either keep up with the Joneses in appearances, or compete with them in earning power.

Appearances — such as a paint job or new roof line — can wait. But a better house to boost the earning power of your flock can not wait—unless you like to give money away.

Many Iowa laying houses are as old and outmoded as a Model T car. They don't protect the flock from heat in summer or cold in winter.

Such houses are wet and unsanitary—perfect for diseases and parasites. Some are too small to house flocks in comfort.

They are responsible for more low production than almost any other one thing. But many of them can be fixed up to do a better job.

Suppose your house is too small. Enlarging it by making it wider may be the cheapest and best way to get more room. Wide houses are better, anyway.

It's easy to widen a shed-roof house. But gable-roof (two-way) buildings can be widened, too—if they're tall enough. You can safely go as wide as 30 feet if the house is to be insulated.

Another common fault with old houses is the lack of temperature control. The best layers will slump if house temperatures drop 'way down in cold weather. Insulation is the only answer.

Sorry to say, many jobs of insulation are not well done. For instance, it's a waste of time to build a double wall with just a layer of paper between.

Three times as valuable is a board wall on the outside of the studs, another on the inside. Then make use of the space between by putting in a dry fill of ground cobs, chopped straw or other insulating material.

But fill insulation calls for tight walls. And board walls seldom are tight enough.

So it's absolutely essential to line the inside of the outer wall with wind-proof paper—red rosin or building paper is best.

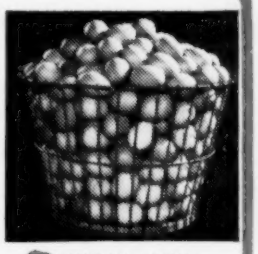
You can do it by tucking strips of the paper between the studs and tacking it temporarily to the outer wall. The fill later will hold it in place.

The inside wall must be vapor-proof, too. Again, a board wall alone won't be tight enough to keep vapor from dampening the fill and causing it to decay.

So, before nailing on the inner walls, tack a layer of vapor-proof paper against the studs. This, when covered with the board wall, will protect your insulation fill.—W. R. Whitfield, Iowa State College.

POULTRY RAISERS can reduce feed waste by filling feeders only half full and by placing a reel over each one, says Howard Bayles, Iowa State College poultryman. The reel will help keep feed clean.

THE WAYNE WAY OF EGG PRODUCTION
Pays 3 Important Ways!



1 EARLY EGGS
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2 STEADY LAYING
You make the best use of your feed and equipment when your birds lay straight through the fall, winter and spring. *Steady production means steady income.*

3 EXTRA EGGS
Make the most profit because they're over and above those eggs that cover your cost of operation. *Profits go up—production costs go down—with every extra egg!*

85% PRODUCTION ALL FALL AND WINTER from her 106 hens . . . the Wayne Way —is enjoyed by Rosalie Farmer, Rockford, Ohio, who is typical of thousands of steady Wayne users all over the country. She gets 100 two-week-old sexed pullets and 100 straight-run chicks into her brooder house by March 1. Cockerels are eaten as fryers; pullets thrive the Wayne Way, producing their first eggs early in August. Birds are culled and housed before Sept. 1. Mrs. Farmer has plenty of good-sized eggs to sell during early fall high egg prices, as well as through the winter, spring and summer months.

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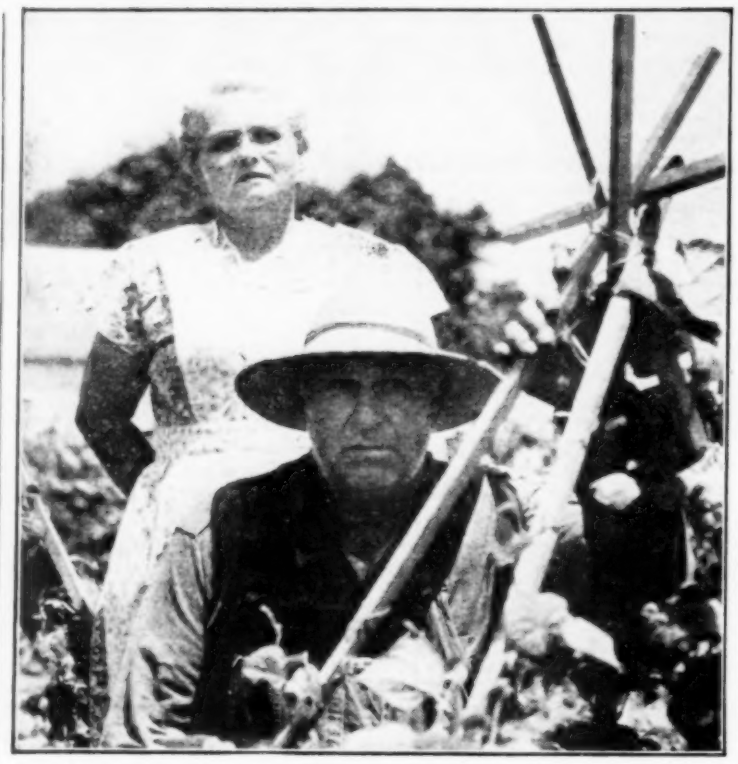


Buy Eggs, dry them, store them, take them off the market, and keep the price up. Mrs. Alvin Lewis, of Hardin county, Iowa, votes for this method of supporting egg prices. Mr. Lewis agrees.

If Egg Prices Fall Below Supports

Farmers Divide On Methods For Government To Use In Keeping Eggs At Support Levels

THERE'S a bumper crop of pullets this year. Some time this fall or winter, egg prices are going to get into trouble.

There's a government guarantee of 90 per cent of parity for egg prices. That means around 35 cents a dozen at country points.

What happens if the price threatens to drop below 35 cents?

The Wallace-Homestead Poll asked a cross-section of Iowa farm people what they wanted the government to do.

Nearly 40 per cent voted for the familiar policies of buying dried eggs, buying and storing eggs, etc.

Nearly 30 per cent voted for the Brannan "production payment" plan, which permits the market price to fall, and gives the producer a check for the difference between the market price and the support price.

Both methods are subsidies. Both cost the government money. Both hit the tax-payer. But the "production payment" plan gives a break to the consumer.

Men split evenly on the two methods, but women gave a margin to government buying.

Democrats, voting three to one for the Brannan plan in another survey, could not muster a plurality for production payments — a part of the Brannan plan.

Comments from farm people follow:

"Rather than have the government buy up surplus eggs and maybe dump them or destroy them to keep the price up, let the price drop to 25 cents, and the government pay the farmer the difference."—Chickasaw County.

"Let supply and demand take care of the egg situation."—Mahaska County.

"Don't waste food. Use any method that avoids waste."—Kossuth County.

"When the government makes a promise to support the price, that promise should be kept. Let it use whatever method works the best."—Johnson County.

"Why can't surplus eggs be purchased and used for school lunches?"—Appanoose County.

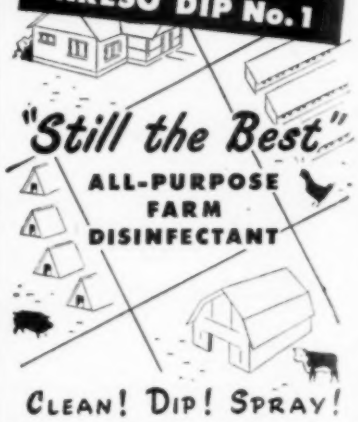
To Keep Up Egg Prices

THE WALLACE-HOMESTEAD POLL ASKED:

"Suppose the government support price for eggs is 35 cents a dozen, and the price threatens to drop to 25 cents. Which of the following should the government do?"

1. Buy eggs on the market for storage or free distribution in an attempt to keep the price up to 35 cents	39%
2. Let the price drop to 25 cents, but pay each producer the 10 cents difference between the market price and support price	29%
3. Undecided	32%

PARKE-DAVIS
KRESO DIP No. 1



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ALL-PURPOSE FARM DISINFECTANT

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Use Kreso Dip No. 1 freely . . . in and around farm buildings, poultry houses and animal shelters. Rid your animals and poultry of lice, mites and fleas. Kreso Dip No. 1 is low in cost. One pint in 12 gallons of water makes a reliable disinfectant.

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Guard Against COLDS
—Use BOOTE'S SULFOCHEK

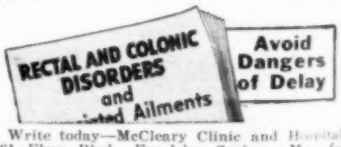
Colds and systematic infections in your flocks are expensive. Protect your birds . . . your poultry profits. Get Boote's SULFOCHEK. It's effective . . . economical. You can give 300 birds a 5-day treatment in water for only $3.50. Don't risk losses . . . Use Boote's SULFOCHEK!

Boote's HATCHERIES, Inc.
Service Department
Worthington, Minnesota

Piles May Lead to Associated Ailments

FREE BOOK Explains Causes, Effects and Treatment

If you have Piles, Fistula, rectal abscess, or any rectal or colon disorder—here is good news.



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Without Painful Backache

When disorder of kidney function permits poisonous matter to remain in your blood, it may cause nagging backache, rheumatic pains, leg pains, loss of pep and energy, getting up nights, swelling, puffiness under the eyes, headaches and dizziness. Frequent or scanty passages with smarting and burning sometimes shows there is something wrong with your kidneys or bladder.

Don't wait! Ask your druggist for Doan's Pills, a stimulant diuretic, used successfully by millions for over 50 years. Doan's give happy relief and will help the 15 miles of kidney tubes flush out poisonous waste from your blood. Get Doan's Pills.

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Aggressive County and Division sales representatives. Full or part time. SELL WELL-KNOWN CULTURE PRODUCTS TO FEEDERS. Feeding knowledge and car essential. Submit qualifications, references to Box 23, Wallaces' Farmer and Iowa Homestead, Des Moines, Iowa.

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NO MORE FROZEN WATER PIPES

. . . SG Thermotape keeps eaves-troughs, downspouts and pipes open all winter. Also used as a source of heat in hot beds.

20% MORE EGGS THIS WINTER . . .

if you use the SG Poultry Water Warmer—that gives warmed water automatically controlled to the most productive temperature. Three styles — immersion and platform types to meet every need efficiently and at LOW COST.

SG STOCK TANK WARMER

keeps stock tanks open even in sub-zero weather. Other warmers for managed milking, semi-scalding poultry and egg cleaning.

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An ideal hen feed balancer—rich in original vitamin sources, containing essential carbohydrates, minerals and proteins designed to stimulate high egg yield at low feeding cost.

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The New Chicken
AMES IN-CROSS

. . . the true money-making combination of the best in in-bred lines—using the same principle as hybrid corn. Mrs. Herman Blattgerste of Storm Lake, Iowa, says her Ames In-Cross flock paid off better than ordinary purebreds through longer steadier production. You, too, can make extra chicken money. Order Ames In-Cross chicks today. Write for free information and the name of the authorized Ames In-Cross hatcheryman nearest you. Plan NOW to put your flock on a real paying basis next year.

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NEW LOW PRICES on Laying Houses

Buildings for every need. Write for full details.

WALNUT PRE-FABRICATION FOLDER—FREE

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Voice of the Farm

Says Older Drivers Most Reckless

To the Editor: Don't tell me that you've joined hands with the anti-youth crusade that is sweeping the country (see "Save Your Life!", August 6 issue).

It is not our youths who are to blame for most of the auto accidents. I accuse the highway patrol of laying the blame on our youths, while letting older, reckless, negligent, drinking speeders go free.—Mrs. Harvey Sydow, Burt County, Nebraska.

Accident figures show no age group is without blame.—Editor.

Wants U. S. Books Balanced

To the Editor: If the president of any large industry tried to run the business on a deficit spending basis, the board of directors would remove him promptly.

The people of the United States are the owners of the largest business in the world. The members of our congress constitute its board of directors.

How long is the board of directors of the United States going to allow deficit spending to go on?—G. B., Cedar County, Iowa.

A balanced budget would require either higher taxes or a smaller army, navy and veterans' program, less foreign aid. If you were a congressman, what would you do?—Editor.

Doesn't Like Rule On "Town" Women

To the Editor: Should parents move to town and let the son have the farm? Of course—that is the best way to keep the young folks interested in farming.

But, in most cases, the parents are still relatively young people and are not ready to be laid on the shelf.

The father can go back to the farm to work. There is always something to be done, and the son welcomes some help now and then.

But what about the mother? She has been active all her life, raising her family, a host of chickens and garden enough to keep them all in canned foods. She never has had time to do much Farm Bureau work or help in community affairs, which she likes to do.

Now she's in town and has time on her hands to do such work. But she is told she can not hold office in a farm organization and have a town address.

Is she changed from a farm woman to a town woman just because she has a house in town? I can't see any difference between this family and the ones who rent their farms and live in a house with a rural address? — L. H., Boone County, Iowa.

Could be we are wasting some good organization workers. What do others think?—Editor.

91 Farmers Averaged 222 Eggs per Bird with 21,157 Hy-Line Layers

They entered flocks in the Hy-Line Farm Flock Laying Contest for the production year, 1947-48.

Congratulations to all contestants
In the 1947-48 Hy-Line Farm Laying Contest
In friendly competition, you proved that good poultry management brings very profitable results. You got these results with regular commercial Hy-Lines . . . the same kind raised by all Hy-Line customers. We congratulate you on the fine flock egg records you made.

NEBRASKA CHAMPION
270.9 Eggs Per Hy-Line Housed
Miss Doris Bockelman of Pierce. Her flock made the highest record which made her both Nebraska and National Champion.

IOWA CHAMPION
270.6 Eggs Per Hy-Line Housed
Mrs. Coy Gilbert of Milo was declared Iowa State Champion.

MINNESOTA CHAMPION
266.2 Eggs Per Hy-Line Housed
George Tuttle of Medford won the Minnesota State Title.

MISSOURI CHAMPION
260.8 Eggs Per Hy-Line Housed
Mrs. Lewis McIntosh of Jameson was Champion of Missouri.

SOUTH DAKOTA CHAMPION
242.6 Eggs Per Hy-Line Housed
Mrs. Milton Norman of Beresford.

ILLINOIS CHAMPION
248.7 Eggs Per Hen Housed
Mrs. Ralph Brion of Tuscola, Ill.

KANSAS CHAMPION
240.6 Eggs Per Hy-Line Housed
Lester Smith of Cedarville, Kan.

These farmers got 18½ dozen eggs for every Hy-Line pullet they housed in the fall. Altogether they produced 4,704,715 eggs in one year from 21,157 Hy-Lines. Figure what this means in income per bird at average egg price in your community. Good poultry management generally pays better dividends with Hy-Lines than with standard-bred farm flocks. Many progressive poultry raisers have learned this by keeping flock egg records. Over 1,300 farmers now have flocks in the 1948-49 Hy-Line Farm Flock Laying Contest. The final results will be published as soon as all reports are received.

ENTER YOUR HY-LINES THIS FALL

Hy-Line Farm Flock Laying Contest is open to Hy-Line customers. It's an annual affair. Handsome trophies are awarded to county, state and national champions. It's fascinating to learn what you can do by applying your good management practices to Hy-Lines. Enter your flock this fall. All you need to do is keep a simple daily egg record. We furnish record sheets, free. You don't need special poultry equipment. Use the equipment you have now. Regardless of equipment, Hy-Lines commonly lay 2 to 6 dozen more eggs per bird per year than standard-bred flocks. If you didn't start Hy-Line Chicks this past season, order them now for 1950 delivery. Then enter your flock in the Hy-Line Laying Contest next fall.

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Get the latest information about the farm performance of this new kind of chicks . . . bred like hybrid corn.

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Make EXTRA PROFIT from big demand for steel bins for sealing under government loan program. Some territory still available for live agents and dealers.
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HYDRAULIC LOADER

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and you'll finish Plowing Earlier!

See the Coverall Coulter—"The Disc Jointer"—at your implement dealer's today—or write at once for free illustrated folder telling all about the greatest piece of farm equipment that has been developed since the small combine. The Coverall Coulter fits any plow—quickly installed—easily adjusted. Cutter-jointer movement leaves a clean, straight furrow wall. Disc is self-sharpening, self-polishing. Vicious slicing movement of whirling disc slashes right through heaviest growth and lays it over flat—then soil from mold-board covers it instantly. Thorough coverage of cornstalks, bean straw and heavy virgin sod smothers corn borers—they just "can't take it." The Coverall Coulter reduces draft. You can operate tractor one speed faster. You can finish plowing earlier. The Coverall Coulter has heavy duty construction—weighs 45 pounds. Major elements drop forged, not cast. Timken bearing equipped. Rigid alignment. Start your fall plowing right — see the Coverall Coulter at once. **Ask your dealer—or write us direct** for illustrated literature. Get a Coverall and cut down plowing time—with cleaner plowing—far easier work—and virtual elimination of the corn borer.

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CHOLERA

FALL DANGER SEASON

HAVE YOUR HOGS VACCINATED

Fall is one of the worst seasons for cholera losses. Are YOUR pigs safe? Have them vaccinated NOW.

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—START SAVING NOW THE EASY U. S. SAVINGS BOND WAY—

Water runs the year around from a piped spring—it never freezes—on the D. J. Lafoon farm, in Jasper county, Iowa.

Research Points

New Method Reduces Silage Spoilage

A new method, perfected by the B. F. Goodrich Company, is said to reduce the spoilage of silage as well as saving labor.

A circular sheet is laid on the top fill of the silo; then a plastic tube is put in place and filled with water, resulting in an air-tight seal over the top of the silo.

Hog Raisers Feed Tons Of Worms

A University of Illinois veterinarian estimates that swine growers of Illinois will feed about half a million pounds of round-worms this year.

His estimates are on the basis of five round-worms each in the 10 million pigs Illinois will raise.

"In order to feed the round-worm crop, Illinois pigs will have to eat at least 3,500,000 pounds more corn than if they were free of these parasites," Dr. N. D. Levine says.

You can imagine what the worm tonnage is in Iowa, with a larger hog crop. Sodium fluoride treatment would eliminate them.

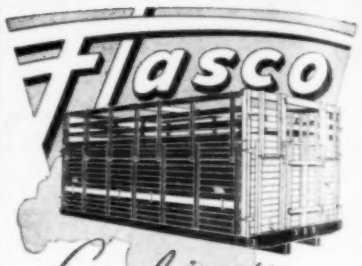
New Strawberry Has Wild Taste

A new variety of strawberry has just been patented. It is supposed to have the old-fashioned wild strawberry flavor with a clear red color thruout and no tough core.

Advantages claimed are that the fruit stems are strong and upright, making picking easier and giving resistance to leaf-spot.

The variety was originated by the late Harlow Rockhill, Grundy county, Iowa, and plant patent No. 854 has been issued to his executor and trustee.

Flasco



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NOW YOU CAN DIG POST-HOLES FOR LESS THAN 1 CENT IN LESS THAN A MINUTE!

Sink Your Post-Holes Powered by Tractor or Jeep with an All-Steel

"Easy-Way"

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Fits immediately your present Tractor or Jeep. It rides with Tractor. Always ready for use. Works as easy on hillside as level ground. Equipped with oilite bearings, mehanite gears, exclusive torque bar and all latest features for strength and speed.

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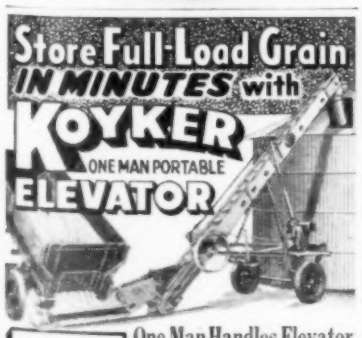

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U. S. SAVINGS BONDS ARE SAFE

Bigger Fair At Missouri

PUREBRED livestock exhibited at the Missouri State Fair showed an increase in numbers this year, especially in the hog classes.

Duroes and Hampshires were most numerous and helped to account for the 300-head increase in the swine show.

Most Iowa breeders pass up the Missouri show in order to make the Iowa State Fair. The Iowa herds and flocks represented came home with their share of blue ribbons, however.

LeRoy Brown, Lamoni, Iowa, showed the reserve champion Shorthorn bull, Browndale Air Raid, a senior yearling. Champion bull was shown by B. H. Hanson, Connersville, Ind. Shorthorn female championship also went to Hanson.

Bianchi Hereford Ranch, Macon, Mo., dominated early white-face judging, taking the bull championship on BHR Helmsman 18th.

Polled Shorthorn classes were dominated by Alpine Farm, Lexington, Mo., and Lewis W. Thieman, Concordia, Mo. Alpine had champion bull and reserve champion female.

Thieman turned the tables to take the female championship and reserve bull honors.

In the small Spotted Poland China show, Jonesway Farms, of Kennett, Mo., had both the grand champion boar and grand champion sow.

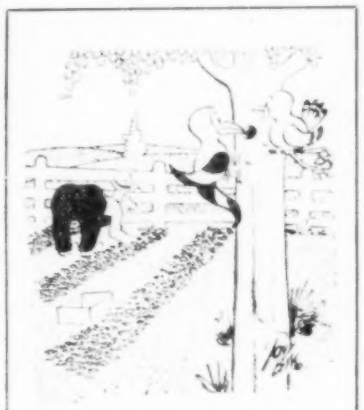
Missouri breeders copped all the championships in the Duroc classes. Mrs. J. L. Peppard, Lawson, exhibited the senior and grand champion boar as well as the reserve junior champion sow.

Moore Quality Farm, Kirkwood, had senior and grand champion Duroc sow, as well as junior and reserve junior champion boar.

Should He Butcher A Stag?

To the Editor: I have a stag fattened and plan to butcher it. But I have been told that the meat and lard would be strong. Is this true?—T. N., Lyon County, Iowa.

Meat from a stag is generally not suitable for table purposes. Especially if the stag has seen considerable service, the meat will be tough and strong. It would be better to butcher a packing sow or a barrow.



"Boy, if I had a beak like yours, I'd have some fun!"

I've got a long memory

And it's telling me now to build up my backlog of U. S. Savings Bonds . . .

"No amount of prosperity can make me forget there are still lean years. I'm guarding against them and doing the smartest thing for the present, too, when I buy 'E' Bonds.

"I've had just about one of my best years. With more money coming in I figure it's a good chance to buy *more* Bonds.

"$4 for $3 at maturity with the U. S. Government behind the deal—you can't beat that these days for an investment.

"My backlog is going to come in mighty handy . . . for land or improvements later . . . for the kids' college education . . . and someday I'm going to want to quit work. And it's good to know, too, I'm not only helping myself when I buy Bonds, I'm helping my country!"

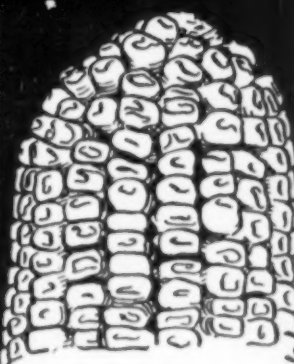
Ask your Bank about the new Bond-a-Month Plan.

Protect your future

Buy and hold

U. S. SAVINGS BONDS

LOWE
Improved Hybrids
MULTIPLE PEDIGREE



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IT TAKES 5 YEARS TO GROW M.P. SEED

There are 16 inbred lines used in Lowe Multiple Pedigree. It takes 5 years of crossing to get all of these inbred lines into this one great hybrid.

See your Lowe Dealer or write direct.

ASSURE YOURSELF A BETTER CROP NEXT YEAR

order LOWE Improved Hybrids today

LOWE SEED CO.
AROMA PARK, ILLINOIS
ASSOCIATE GROWER
PIKE HYBRID CORN CO.
Pontiac, Illinois

Grand champion Shorthorn female at the Illinois State Fair was Golden Rule Luxury, exhibited by Holz Brothers, of Rippey, Greene county, Iowa. Last fall, they showed a different heifer to the grand championship of the International Livestock Exposition.

Huge Swine Show At Illinois

Several Iowa Breeders Judge At State Fair; Strong Breeding Cattle Classes

SEVERAL Iowa livestock breeders judged at the Illinois State Fair. Some of them really got a workout. The breeding cattle classes were about par in numbers and strong on quality. The swine show was a record-breaker, and the sheep breeding classes hit new highs.

More than 3,400 head of purebred hogs taxed the swine show facilities. Duroes led the list with better than 500 entries, with the Chesters, Spots, Polands and Hamps following in that order.

Unusual in the eyes of Iowa visitors was the larger number of Yorks, Tamworths and Herefords at the show. Yorkshire breeders entered 270 hogs; there were 138 Tamworths and 124 Herefords.

In the beef cattle show, Illinois breeders dominated the Aberdeen Angus classes. Once again, J. Garret Tolan, Pleasant Plains, copped most of the blues. The lone Iowa herd in the show was from El-Jon Farms, of Rose Hill.

Barbara Juana's Eric, Central Illinois Angus Breeders Association, Congerville, was the grand champion bull. Tolan had grand and reserve champion female.

Charles Garden, Des Moines, Iowa, placed the Shorthorns. W. C. Anderson & Son, West Liberty, and Holz Bros., Rippey, were Iowa herds represented. Holz's showed their junior yearling heifer, Golden Rule Luxury, to female championship. They also had the blue ribbon senior yearling heifer.

Edellyn Farms, Wilson, Ill., won the grand champion bull award on Edellyn Royal Leader 66th.

In the Hereford cattle classes, top bull award, grand and reserve grand champion female purples went to Circle A Farm, Morris, Ill., on MW Larry Domino 133d.

In the huge Duroc show, S. C. Schrage, Eagle Grove, Iowa, had the reserve senior and reserve grand champion sow. Harold Timm, Muscatine, Iowa, scored in the boar classes. Grand champion boar was exhibited by Herman Watson, Macomb, Ill., and F. L. Bossingham & Sons, Stanford, Ill., had the champion sow.

In the big Chester White show, Callahan Bros., Milford, Ill., had senior and grand champion boar, as well as the junior champion. The senior and grand champion sow was driven by Lowell French, Alvin, Ill.

Leon Frantz, Grand Junction, Iowa, had himself a job in the Spotted Poland classes, which were large and tough. He found his grand champion boar in the entry of Arnold Moore, Walcottville, Ind., and his champion sow in the entry of Clyde Kitterman & Sons, Princeton, Ill.

W. C. Anderson and Lewis F. Reuss, both of West Liberty, Iowa, judged the Poland show. Oscar W. Anderson & Sons, Leland, Ill., had the senior and grand champion boar, as well as the reserve grand champion sow. E. C. Morrissey, Amboy, Ill., had the senior and grand champion sow.

Model Farm, of Mundelein, Ill., had the senior and grand champion boar, as well as the junior Hampshire champion. Mullady Farms, Elgin, Ill., showed senior and grand champion sow. Junior championship went to the gilt shown by Paul Hawkins & Sons, Oakland, Ill.

Wilbur Plager, Des Moines, Iowa, placed the Berkshire classes. Lynwood Farm, Caramel, Ind., had the senior and grand champion boar plus the senior and grand champion sow.

Milo V. Wolrab, Mt. Vernon, Iowa, showed junior and reserve grand champion Berkshire boar.

Still another Iowa judge was Dwaine Clark, Colfax, who placed the Yorkshire and Hereford hog entries. Iowa breeders more or less dominated the Hereford show, tho they were shut out of both grand championships.

Corn Picker Blower with amazing triple Jet Cleaning

Flash-O-Corn Picker Blower

Top Cleaning Power. Not just one . . . not just two . . . but THREE air jets blast away the husks, silks, trash. Permits greater shelled corn yields, easier drying. Easily installed; no holes to drill. For Wood Bros., Belle City, Massey-Harris pickers and other popular makes. Also available for corn snappers. Write for full particulars, dealer's name, etc.
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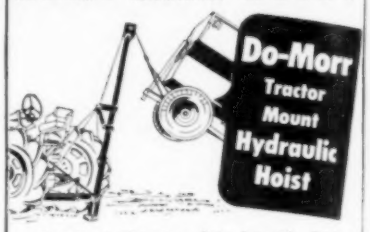

Handiest Tractor Attachment. Rides permanently on tractor for instantaneous use on almost any lifting job. Ideal for dumping wagon or truck. Lifts heavy implements; hoists tractors, trucks for repairs. Does hundreds of farm jobs easier. Operates off tractor hydraulic pump. Lifting stroke, 6½ ft. Lifting capacity, 4,000 lbs. Installed in few minutes; no holes to drill. Does not interfere with other equipment. Write for full information, dealer's name, etc.
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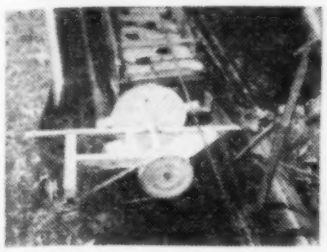

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QUIPS AND QUOTES

THE FLY that buzzes the loudest gets swatted first.—Lake Mills Graphic.

WHAT THIS COUNTRY needs is not a working majority but a majority working. — Lenox Time Table.

ALMOST ANY congressman is in favor of cutting down federal expenditures everywhere except in his own district.—Manly Signal.

MARRIAGE is a matter of give and take. So, what your husband doesn't give you, you will have to take.—Guthrie Center Guthrian.

SCIENTISTS say every person has something wrong with him. And how he loves to talk about it! —Webster City Freeman-Journal.

EARLY RISING has been defined as the victory of mind over mattress.—Mason City Globe-Gazette.

ALREADY, the dopesters are looking forward to the next presidential campaign. It's a long way off, but after all we must have something to argue about besides baseball and Russia.—Storm Lake Pilot-Tribune.

THE NEW CARS come with just about everything except a sensible driver. — Decorah Public Opinion.

HAIL THE DRIVE-IN movie. It affords a safe occasion to sit behind the wheel and not think.—Waterloo Courier.

WE READ a bit of truth the other day in some newspaper, which said: "Work never killed anyone, but many have died from fright when it was mentioned."—Knoxville Express.

TOO MANY MEN tighten their belts by pushing expanding stomachs against them. — Lake Park News.

WHEN YOU SEE a man looking for trouble, it's almost a sure bet that he is single. — Webster City Freeman-Journal.

THE VILLAGE CYNIC says that you could save yourself a lot of trouble if, instead of going away on a vacation trip, you would just scratch up your car and bash in a fender, ruin a few clothes, catch a cold, and throw three hundred dollars out the window.—Grundy Register.

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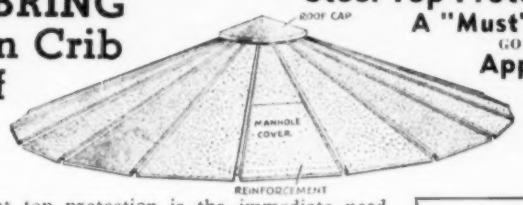
Steel Top Protection A "Must" for GOV'T Approval!



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SIZES
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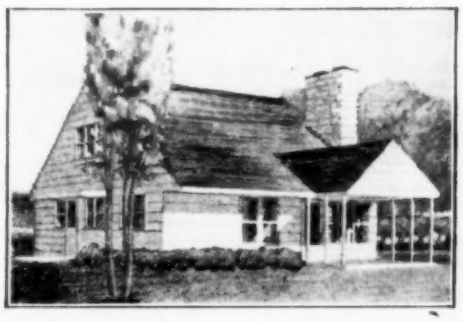

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Small Farm elevator is now being made. Also suitable for places where large elevators are impractical. Elevator trough is 6 inches wide at bottom, flaring to 11 inches at the top. Standard trough length is 16 feet. There is an 8-foot head and an 8-foot boot section. Six-foot intermediate section is available, which will make total length 22 feet. Has large, rigid hopper, which is detachable. Driven by 1½ h. p. gas engine or ¾ h. p. electric motor. Made by Industrial Engineering and Mfg. Co.

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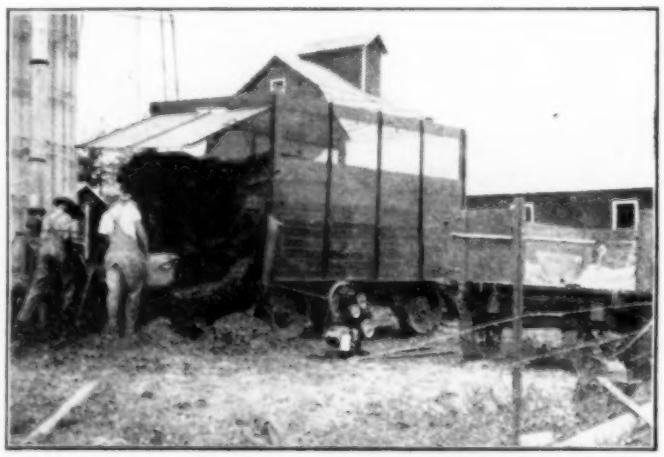

Movable front end-board unloads this wagon box. A feature of the box is that it has two feet of quarter-inch mesh screen at top on each side. Canvas cover can be put on if desired. Mountable on wagon or truck box. Distributed by F. B. Recker Co.

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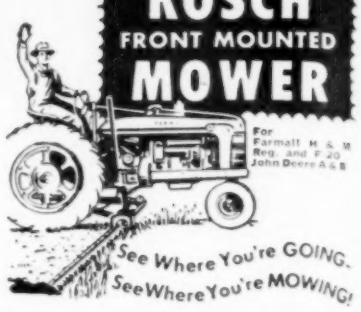

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Held under cover, rain or shine. Comfortable seats for all.

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THIS IS A CHOICE GROUP OF CALVES—THE KIND THAT SELL

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All good quality Hereford Cattle, fresh from the range. The heavy cattle are fat enough for beef. Included are 350 K.D., 300 of the McFarland cattle from TWO DOT, Montana, also 350 calves of one Brand. All cattle weighed and guaranteed weights given with each bunch. The list of cattle selling:

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150	Hereford Steers	Wt. 950 lbs.
100	Hereford Steers	Wt. 900 lbs.
60	Hereford Steers	Wt. 800 lbs.
80	Hereford Steers	Wt. 750 lbs.
150	Hereford Steers	Wt. 700 lbs.
100	Hereford Steers	Wt. 650 lbs.
150	Hereford Steers	Wt. 600 lbs.
50	Hereford Steers	Wt. 550 lbs.
100	Hereford Heifers	Wt. 700 lbs.
70	Hereford Heifers	Wt. 650 lbs.
100	Hereford Heifers	Wt. 600 lbs.
50	Hereford Heifers	Wt. 550 lbs.
50	Hereford Steer Calves	Wt. 500 lbs.
100	Hereford Steer Calves	Wt. 450 lbs.
50	Hereford Steer Calves	Wt. 325 lbs.
40	Hereford Steer Calves	Wt. 275 lbs.
30	Hereford Steer Calves	Wt. 250 lbs.
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50	Hereford Heifer Calves	Wt. 300 lbs.
30	Hereford Heifer Calves	Wt. 270 lbs.
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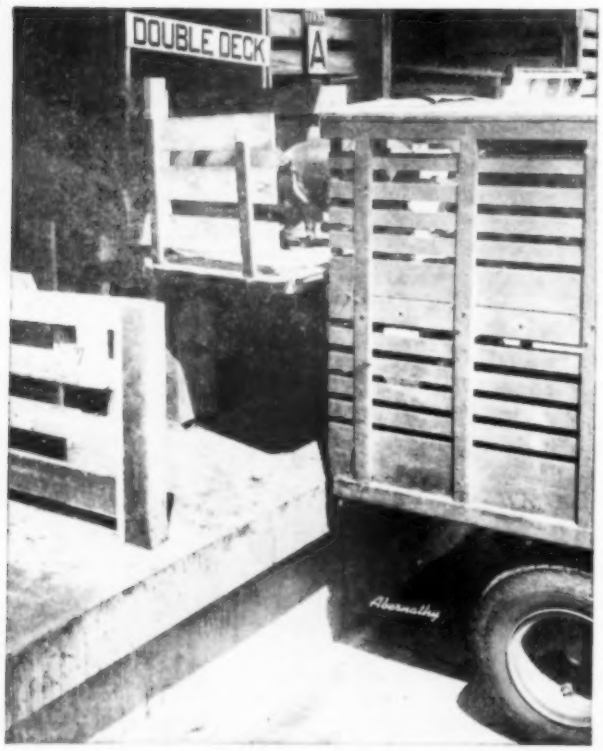

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At sale pavilion

Lenox, Iowa, Mon., Sept. 26th

40 HEAD—9 Bulls, 31 Females

Featuring Progeny, Service and sale of bull, whose Pedigree shown below

EER ROLLO DOMINO 12th

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EER ROLLO DOMINO 12th. a strong headed bull with substance and breed character. **EER ROLLO DOMINO 12th** never sired a horned calf. He was purchased by Bernard Hart at 1947 Pando-Tate sale for use in his Kansas herd. The sire of this bull, son of 1941 National Champion, sired more Blue Ribbon winners in the 1948 and 1947 National shows than any other bull. His Dam is a Kuhlmann-bred daughter of Advanced Domino 38th.

Our cow herd strong in the blood of **ANXIETY DOMINO** through his son **ANXIETY DOMINO 27th** and his grandson **CHOICE DOMINO 39th.** The herd bull and **9** good yearling bulls ready for service by **EER ROLLO DOMINO 12th. 17** cows with big calves and rebred to **EER ROLLO DOMINO 12th. 5** cows to calve this fall, **7** outstanding open heifers by **EER ROLLO DOMINO 12th.** This has been one of the top producing herds of the country. Polled Herefords of the right type, blood lines are right. Real **money-makers.** Ill health makes this sale necessary. A dispersion always offers **BARGAINS. COME!** Ask for **FREE** catalog. Please mention this publication. Address

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16 BULLS — 54 FEMALES

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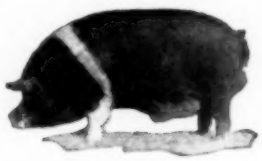
Auctioneer, J. E. Halsey



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Good Boar or Gilt

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If you do not find in Wallaces' Farmer and Iowa Homestead what you want to buy, advise us and we will gladly give you the names of reliable firms that can take care of your needs. Address

Livestock Advertising Department

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Des Moines, Iowa

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ANGUS SALE

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Marshalltown, Iowa, Monday, Sept. 19th

Females sell Afternoon starting at 12:30 P. M.
Bulls sell in the Evening starting at 7:30 P. M.

"Largest Purebred Angus Sale in U. S. This Fall"

166 HEAD

- 54 Outstanding Bulls Ready for Service
- 15 Young Cows With Big Calves at Side
- 7 Excellent Young Bred Cows
- 17 Most Desirable Bred Heifers
- 73 Attractive Open Heifers

"Buy 'Em at Marshalltown and Buy 'Em Cheaper"

For the **12th ANNUAL SALE** we have a well-balanced offering selected with care from 28 reliable herds . . . known for their production in better Angus cattle. All nicely grown, displaying modern type and fine quality. Kindly note the leading herds represented. The consignors are:

	Bulls	Females		Bulls	Females
KOSTER FARMS, Gladbrook	5	4	MEIER BROS., Melbourne	5	15
WALTER & J. R. WILKINSON, Marshalltown	8	0	HARRY T. YOUNG, Prairie City	2	0
GREENMERE FARM, Green Mountain	2	4	WARREN SOORHOLTZ, Melbourne	4	3
ADDIS GREIMAN & SONS, Garner	0	11	E. BRENIMAN & SON, Brooklyn	0	7
ROBINSON BROS., Maxonville	4	6	LANCROFT FARMS, Grinnell	0	10
GARNET G. WEST & SONS, Altoona	1	4	W. W. HILL & SONS, Newton	2	13
R. J. HADLEY, New Providence	2	7	HENRY SCHMUECKER & SONS, Amana	0	2
JAMES M. IRONS & SON, Clarence	2	5	E. J. & R. R. SCHNEIDER, Goodell	1	0
ROY A. RITTER & SON, Roasnor	3	0	HOWARD EVANS, Collins	1	0
JAMES R. STEPHENSON, Reinbeck	0	2	LOREN EMKE, Toledo	4	0
ROSCOE DIGGINS, State Center	2	0	R. D. THOMPSON, Kanawha	0	5
VERNON L. STUBBS, Green Mountain	1	0	ARTHUR H. PRINGNITZ, Kanawha	0	1
ELDORADO FARM, Newhall	0	4	JOHN W. BAILEY, Marshalltown	1	1
ROY F. HOTGER, Laurel	1	4	CLEMENT BROS., Newton	1	2

This sale will feature sons and daughters of some of the most famous sires. Breeding bulls that have made an enviable reputation. The families are good, rich, dependable tribes. All sell with liberal guarantee. The large number affords a wide selection . . . **BARGAINS ARE IN STORE.** All **T.B.** and **BANGS** tested. Ask now for **FREE** catalog . . . a postcard will do. Please mention this publication when writing. Address

C. G. MASON, Sale Mgr., Box 243, MARSHALLTOWN, IOWA

Auctioneers, J. E. Halsey and Clair Mason & Son

Cipra's Sale of Anxiety Bred HEREFORDS

At the Shield's Sale Pavilion

Creston, Ia., Wed., Sep. 21

70 HEAD — 25 Cows with Calves at Foot, 10 Bred Cows and Heifers; 25 Top Quality Yearling Heifers and 10 Very Choice Anxiety Bred Yearling Bulls

We have selected twenty-five of the very best cows we have in our herd for this sale. These are grand, good individuals and are well bred, carrying the very best of Anxiety blood and sired by some of the most noted bulls of the breed. Each and every one of these is selling with calves at foot by our noted bulls. Then there will be 10 head of other bred cows, some of whom will calve before sale time. Some of these cows will be daughters of Imperial Domino 54th, some by Iowa Domino 1020th, and some by Imperial Domino 21st. The yearling heifers are all sired by **REAL PRINCE DOMINO 131st,** a bull that we have used with splendid success in our herd. The balance are sired by **DOMESTIC ADVANCE,** a son of Advance Domino. A few of these cows are in calf to **JUPITER DOMINO 8th,** a bull bought from Adolph Beck, and he is one of the best bulls ever bred by J. W. Kridelbaugh. This is a breeding herd of rare excellence, as will be evidenced on day of sale when you see the number of calves that are selling with their mothers in this sale. The most of the calves in this sale are sired by Real Prince Domino 131st.

10 VERY CHOICE YEARLING BULLS

You are going to find 10 very choice yearling bulls in this sale and the most of these are sired by **REAL PRINCE DOMINO 131st,** a bull bred by H. J. Krause of Alliance, Neb., and his sire was that celebrated bull, Real Prince Domino. It is one of the most prolific offerings that will be sold this year, and if you like to buy cows with calves at foot, then make it a point to attend this sale. Write for catalog at once and kindly mention Wallaces' Farmer and Iowa Homestead. Address

J. E. CIPRA, CROMWELL, IOWA

Auctioneer, Fred Chandler M. T. White, Fieldman

BREEDERS' SALE OF

Registered Herefords

In Comfortable Sale Pavilion at

Denison, Iowa, Thursday, September 15th

86 Top Quality Richly Bred Cattle
16 Excellent Bulls 70 Beautiful Females

This is one of the best offerings of high class and well bred Hereford cattle that has been sold in recent years in the state of Iowa. These cattle have all been inspected and the breeder and farmer will have a chance to select cows, heifers or bulls that will add materially to his herd. Among the females you will have the opportunity of selecting cows with caves at foot and rebred, bred and open heifers (no old worn-out cows). These females carry some of the best breeding known to the Hereford breed such as **Intense Domino, Real Prince Domino, WHR True Mold, Vagabond Mixer, Evan Domino, D. Lamplighter, Supreme L., Royal Prince Domino, Western Advance, President Lamplighter, F. Baca Elation, Comprest Prince 12th** and **Baca Elation.** Among the bulls there will be two outstanding tried sires and the yearling bulls offer a wide selection of real herd bull prospects.

BROOKWOOD FARMS, LOGAN, IOWA—Our herd bull, **Molded True Mold** by WHR True Mold 13th and one of his yearling sons. **Thirty** cows and heifers, many with calves at foot by **Molded True Mold,** others bred to him.

JOHN KVAMME & SON, IRWIN, IOWA—Thirteen cows, some bred to and calves at foot by **D. Lamplighter 40th** and **Prince V. Mischief 2d;** 8 heifers bred to D. Lamplighter 40th and 7 open heifers.

VINCENT T. GAFFNEY, ADAZA, IOWA—My herd bull, **Baca Elation 9th** by Baca Elation; 3 yearling bulls, 2 by Comprest Lad 807th, one by TH North Star 53d; 9 cows all bred to Banca Elation 9th. Some have calves at foot by him.

C. H. WOOSTER, MANNING, IOWA—Ten yearling bulls, 5 by **Supreme L.,** 4 by **D. Lamplighter 40th,** one by **Prince Mischief 62d.**

HARVEY W. JOHNSON, EXIRA, IOWA—Three open heifers, 2 by **F. Baca Elation,** one by **Comprest Prince 12th.**

If you are looking for quality Hereford cattle that have individual merit and the best of breeding then plan to attend this sale. Write at once for the **FREE** catalog. Kindly mention this publication. Address

HARVEY W. JOHNSON, Sale Manager

Auctioneer, J. E. Halsey. **Exira, Iowa** M. T. White, Fieldman

SHORTHORN DISPERSION

Of the late RAY D. NICKLE Herd, Clearfield, Iowa

In Wells Sale Pavilion

Bedford, Iowa, Tuesday, Sept. 13

40 LOTS

6 BULLS—6 OPEN HEIFERS
15 COWS WITH CALVES AT SIDE
SEVERAL BRED COWS AND HEIFERS

This is a small select, well-bred herd owned by **FLOSSIE L. NICKLE,** Clearfield, Iowa, and will be sold in practical breeding condition. One of the herd sires, **PRINCE SUPREME,** a son of Calrossie Prince Peter, the Perth Champion. Many of the young cattle and calves are sired by him. Other herd sire, **RANSOM OF PINE RIDGE,** by Ransom Select by Ideal Ransom, a direct son of O.A.C. Ransom 23rd. Good BLOOD LINES, dependable breeding cattle. An opportunity for buyers. Remember a **DISPERSION** always offer bargains. **COME.** Ask now for **FREE** catalog. Kindly mention this publication. Address

ROY A. GILMAN, Sale Mgr., STUART, IOWA

Auctioneer, J. E. Halsey M. T. White, Fieldman

Aberdeen Angus Dispersal

Sale to be held at farm next Wednesday, three miles west of

CLARINDA, IOWA
SEPTEMBER 6th

62 LOTS

82 HEAD
13 HIGH CLASS BULLS

A dispersion of one of the most richly bred herds of Angus in the state of Iowa. 40 sons and daughters of the noted **R.L.S. PRINCE ERIC 15th,** a son of the $40,000 **PRINCE ERIC OF SUNBEAM,** and a full brother of the $18,000 **BURGESS ERIC 10th.** 20 head of cows with calves at foot. 15 bred cows and heifers. 4 young herd bull prospects selling with their dams are out of Miss Burgess cows. Everything sells, nothing reserved. Plan to attend. Write for **FREE** catalog. Kindly mention this paper. Address

ALVIN SUNDERMAN, CLARINDA, IOWA

Auctioneer, Johnston & Sims M. T. White, Fieldman

Bellevue Farms
Angus Production Sale!

To be held at the farm near

Williamsburg, Iowa,
Thursday, September 22nd

Starting promptly at 1:00 P. M.

66 Head— 35 CALVES GO FREE WITH DAMS
25 ATTRACTIVE OPEN HEIFERS
6 GOOD YOUNG BULLS

One of the truly well-bred herds of the State and the 35 grand brood cows that sell with big lusty calves at foot, many are reired . . . a fair cross section of the **Oliver** herd. 25 beautiful open heifers, just ready to mate to your herd sire. 6 choice young bulls, including two sons of **PRINCE SUNBEAM 29th** . . . "The Million Dollar Sire."

A choice Blackcap Bessie, daughter of **PRINCE ERIC OF SUNBEAM**, out of a Frank Whitehead cow, coming through Blackcap Glencarnock 8th, Dam of Black Peer of St. Albans; a beautiful **GAMMER** heifer; a yearling **MAID OF BUMMERS; 4 JUANAS; 2 ZARAS; 3 BALLINDALLOCH GEORGINAS; 2 BALLINDALLOCH JILTS; 2 WITCH OF ENDORS;** a daughter of **PRINCE QUALITY OF SUNBEAM; 2** daughters of **BANDOLIER OF ANOKA 34th;** and other top quality strains. A good offering of richly-bred cattle. Plan now to attend; ask for the **FREE** catalog. Please mention this publication. Address

J. B. McCORKLE, Sale Mgr., COLUMBUS 15, OHIO
Suite 3710, A. I. U. Bldg.

LESLIE OLIVER, Owner, WILLIAMSBURG, IOWA

Auctioneer, Roy Johnston — J. E. Halsey, Fieldman

20 good 4-H Club steers sell immediately following the purebred sale
Sept. 23—W. J. Hanson (Dispersion), Holbrook, Iowa, at Iowa City, Iowa

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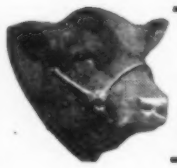
E. FLOYD GRIMM'S SALE

ABERDEEN
Angus Cattle



60 HEAD
7 Bulls — 33 Cows — 20 Heifers

Mt. Ayr, Iowa
Friday, September 23

There will be 33 cows in this sale and these will all have calves at foot. Then there will be fifteen or twenty heifers. Also my herd bull, Grimm's Blackbird Pilot 953670, and he is out of a daughter of Blackbird Ennoble 2d. This bull is three years old and will weigh around a ton. He is the sire of nearly all the calves in the sale. A few calves are sired by Erica's Revolution and one by Cuban of Thorn. This herd bull is a good breeder and his calves will show up well on sale day. Among the good cows selling is a daughter of Imp. Cuban of Thorn, and she is selling with a good bull calf at foot. A good daughter of Black Prince of Sunbeam is listed, and she is selling with a good cow calf at foot by Bar Prince 6th. There will be five or six daughters and granddaughters of Black Prince of Sunbeam in my sale and these are very choice. I am also selling three nice Barbara cows with calves at foot. Also selling five good Enchantress Trojan Ericas in this sale, and some of these have show records. A lot of other good cows are listed and some nice heifers. I am also selling a nice yearling bull and he is a son of Envious Burgess B 4th. This bull has been a winner at the state fair. My herd has been regarded as one of the most prolific in southern Iowa. Write me at once for catalog and please mention Wallaces' Farmer and Iowa Homestead. Address

E. FLOYD GRIMM, GRAND RIVER, IOWA

Auctioneers, Johnson and Simms — M. T. White, Fieldman

SHORTHORN
DISPERSION

Location, 15 miles east of Algona, Iowa, 5 miles north.
At farm, 3½ miles south and 2 miles west of

Woden, Iowa,
Friday, Sept. 23rd

45 HEAD OF USEFUL CATTLE . . . 1 OUTSTANDING HERD BULL . . . COWS WITH CALVES AT SIDE . . . BRED HEIFERS . . . OPEN HEIFERS

Top herd bulls have been used during the 11 years that this herd has been established. Good individuals, young ages and profitable cattle sell in this **DISPERSION.** The cows selling are sired by such bulls as Lord Douglas by Browndale Douglas, Calrossie Starlight by Calrossie Archer, Royal Delegate by N U Royal Nugget, and Divide Emigrant by Duke of Killearn. The young calves selling at side are sired by **ROYAL CHARTER 33d.** Several of the cows will be carrying the services of this good bull. The **top** Shorthorn steer at the 1948 State Fair was sired by the sire of the 33d, Newallyn Royal Charter. The present herd bull, **ROYAL LEADER 4th,** 2483730, a red November, 1947, son of Edellyn Royal Leader 29th, sells in **this good offering.** Most of the females will be carrying the services of this good headed, smooth bodied, well fleshed bull. All sell fully guaranteed, and **T.B.** and **Bangs** tested. Cattle that will do well for others. Make plans now to attend. Lunch served at noon on the farm. Write for **FREE** illustrated catalog. Kindly mention this paper when doing so.

G. J. SCHUTJER, WODEN, IOWA

Auctioneer, J. E. Halsey — Maurice Boney, Fieldman

Angus Dispersion

In Putnam County Fair Barn 4-H Live Stock Pavilion, located north edge of city. Located only 25 miles south of state line at Centerville, Iowa

Unionville, Mo.
Thursday, Sept. 15

53 HEAD — 12 BULLS, 41 FEMALES

Featuring the get, service and sale of bull, whose pedigree is shown below

BURGESS PRINCE M. 21st—873477

- Bar Prince 2nd of Sunbeam 584503
  - Black Prince of Sunbeam 504521
    - Black Peer of St. Albans 456385
    - Pried 17th of Sunbeam 407797
  - Barbara of Rosemere 136th 476959
    - Eileenmere 61st 450556
    - Barbara of Rosemere 100th 449669
- El-Ron's Maid 3rd 650717
  - Ennoble 60th 540115
    - Ennoble's Blackcap 4th 474089
    - Elba McKenny 5th 452657
  - El-Ron's Maid 547432
    - El-Ron of St. Albans 495725
    - Ennoble's Maid 8th 496295

You will like the sons and daughters of this good breeding grandson of **BLACK PRINCE OF SUNBEAM.** His cross on daughters of **EVENS REVELATION 3rd** is producing good cattle.

The 12 bulls include our herd bull, **BURGESS PRINCE M. 21st,** a real tried and proven sire. His progeny will please. Other desirable young bulls from 7 to 12 months old. Other females include 17 daughters of **EVEN'S REVOLUTION 3rd,** 4 daughters of **REVOLUTION 10th OF HICKORY GROVE,** 8 by **BURGESS PRINCE M. 21st.** Several cows with calves at foot, 8 coming 2-year-old heifers and 7 open heifers.

The herd was established in 1912. Because of ill health, the doctor has ordered Mr. Barkley to retire from farming. A working herd that has been profitable—they will prove profitable to you. A DISPERSION always offers bargains. Plan to attend. Ask now for **FREE** catalog. Kindly mention this publication.

J. W. BARKLEY, LUCERNE, MISSOURI
Hickory Grove Farm—Established 1912

Auctioneer, Johnston & Sims — Maurice W. Boney, Fieldman

National DAIRY CATTLE CONGRESS

OCT. 3-9

WATERLOO IOWA

MIDWEST INDUSTRIAL EXPO.
• NATIONAL BELGIAN SHOW

Hippodrome
SUPER ENTERTAINMENT

See the pick of the Nation's finest circus acts. Inspiring livestock parades. Two and one-half hours of super sensational entertainment. Beautiful pageantry. Great saddle horse show.

SEND TODAY for Hippodrome seats—mail check or money order to Dairy Cattle Congress, Ticket Dept.

POPULAR PRICES

RESERVED SEATS - - - - - $1.50 ea.
BOX SEATS - - - - - - - - $1.75 ea.
(Children same if they occupy seat.)

Performance every afternoon and night. Send self-addressed, stamped envelope — give number of tickets desired, performance, day.

MAMMOTH INDUSTRIAL DISPLAY

Newest and finest dairy and farm equipment in colorful exhibit. Latest power farm machinery.

COMPLETE WOMEN'S DEPARTMENT

Featuring latest kitchen equipment. Newest gas and electric appliances. Gorgeous Midwest Garden and Flower Show. Cooking demonstrations. Food exhibits.

EDUCATIONAL EXHIBITS, CONTESTS, DEMONSTRATIONS! POULTRY AND WATERFOWL EXHIBITIONS

MINNESOTA

Shorthorn Breeders Assn.

SHOW—9:00 A. M. SALE—12:30 P. M.

Judge: Floyd Clausen, Spencer, Iowa
At Fair Grounds

MARSHALL, MINNESOTA
SATURDAY, SEPTEMBER 24th

75 Head— 40 BULLS READY FOR SERVICE
35 RICHLY-BRED FEMALES

One of the strongest offerings ever presented by the Breeders of Minnesota, which have been selected from 26 of the leading herds of the state where high-class, well-bred cattle are produced. The 40 bulls are big, rugged, well-grown bulls, all ready for service, a few good bred and proven sires, a real opportunity for someone. You can find herd bull material here . . . a bull for any demand. The females include several grand cows with big, husky calves at side by high-class herd sires, and many bomated, excellent bred cows and heifers mated to great sires and bomline open heifers, suitable to make foundation females and soon ready to mate to your herd sire. All are sired by good herd bulls and represent the leading families, which is assurance of their future breeding ability. Good dependable breeding from reliable herds and sold in practical breeding form, all to the advantage of the prospective buyers. All **T.B.** and **BANGS** tested. Plan to attend. Ask for **FREE** catalog. Kindly mention this publication. Address

N. T. FINDAHL, Sale Mgr., WATERVILLE, MINNESOTA

Auctioneer, J. E. Halsey M. W. Boney, Fieldman

BANQUET—Evening of September 23rd. Everyone cordially invited.

Shorthorn Sale!

At Armstrong Sales Barn

ARMSTRONG, IOWA
FRIDAY, SEPTEMBER 16th

35 HEAD — Cows with calves at side — Open and Bred Heifers — 4 young Bulls ready for service

A draft of good cattle that will make a quick return for their new owners. Pleasing type and well balanced with useful blood lines. The young bulls and a number of the heifers are sired by **ROYAL AUGUSTUS** by Royal Toff and out of a dam by Brownfal Revolution. The calves at foot are sired by the present herd sire, **ROYAL CHARTER 35th** by Newallyn Royal Charter and out of a dam by Edelyn Golden Mercury. The bred cows and heifers will be carrying the offspring of this outstanding red herd bull. All cattle **T.B.** and **Bangs tested.** Plan to be with us sale day. Write for **FREE** catalog. Kindly mention this paper when doing so.

EARL THEESFIELD, ARMSTRONG, IOWA

J. E. Halsey, Auctioneer

IOWA JERSEY BREEDERS STATE SALE

At Waterloo Dairy Cattle Congress Pavilion

Waterloo, Iowa, Friday, Sept. 16

Starting at 12:30 P. M.

50 "TOP QUALITY" REGISTERED JERSEYS

Cows, Young Cows, Bred and Yearling Heifers, Heifer Calves and **"FOUR STAR"** Young Bulls of proven blood lines, combining High Production with Good Type. All **T.B.** and **BANGS** Tested. Many Calfhood Vaccinated.

IDEAL STOCK FOR FOUNDATION PURPOSES

Plan to attend. Ask for **FREE** catalog. Kindly mention this publication. Address

IVAN N. GATES, Sale Mgr., WEST LIBERTY, IOWA

—SAVE MONEY THE EASY WAY—BUY SAVINGS BONDS NOW—

FORTY-FIFTH SALE

CENTRAL ILLINOIS ANGUS BREEDERS ASSN. INC.

Midway between Bloomington and Peoria, Illinois, on U. S. Highway No. 150, in our own new comfortable pavilion. Good bus service from both directions, which pass the pavilion.

Congerville, Illinois, Wed., Sept. 21st

SALE STARTS AT 12:00 NOON

"MORE OF THE BETTER KIND"

—78 HEAD—

8 Good Bulls, 70 Choice Females

This offering has been selected with great care from the good herds in this section, where high-class Angus cattle are produced. The 8 bulls are ready for service, pleasing in type, displaying real quality and rich in pedigree, herd bull prospects. We consider them **GOOD** enough from the produce of **5,000** cows. The choice females selected from the tops of 135 member herds. You can secure good breeding cows with big, fine calves at foot and rebred to great sires, a number of good young cows and heifers, well-forward in calf to outstanding herd bulls and attractive open heifers. Breeding and quality unsurpassed. **Eileenmere Effie W.**, 1948 International grand champion female bred by a Central Illinois member and her sire and Dam were bred by our members . . . a mere sample of our excellent quality. Blood lines and breeding that has been proven. Most of the ancestry of our offering is bred in **Central Illinois** . . . thus fixing the similarity of type and quality . . . the same High Quality that brings so many **REPEAT BUYERS** to Central Illinois sales. High-class cattle of showyard character and the sort that will improve your herd. The large number affords a wide selection in one or a car load. Cattle purchased in our sales have made good for others . . . they will do the same for you. All **T.B.** and **BANGS** tested. Plan to attend. Ask for **FREE** illustrated catalog. Please mention this publication. Address

SIMON E. LANTZ, Secretary, CONGERVILLE, ILLINOIS

Auctioneers, Johnston and James J. E. Halsey, Fieldman

IOWA STATE

MILKING SHORTHORN SALE!

At State Fair Grounds Sale Pavilion

DES MOINES, IOWA,
TUESDAY, SEPT. 20th

50 DESIRABLE FEMALES — 4 GOOD BULLS

Selected from the leading herds of the state. Rich in pedigree, good production records, excellent type and pleasing quality. 25 young cows, 10 beautiful 2-year-old heifers and 15 attractive heifers. **"The Farmer's Profitable Type Cow."** Plan to attend. Ask now for **FREE** catalog. Kindly mention this publication. Address

E. A. MITCHELL, Secy., REINBECK, IOWA
IOWA MILKING SHORTHORN SOCIETY

Auctioneer, Murray Reeser Walter Kruse, Ringman
Clerk: Lincoln Savings Bank, Reinbeck, Iowa

BANQUET: Savery Hotel, 7:00 P. M., September 19th. Good entertainment. Everyone cordially invited.

PARKMOOR FARMS DISSOLUTION

MILKING SHORTHORNS

To Be Held at Wells Sales Barn

FREMONT, NEBR.
SEPTEMBER 26, 1949
49 Females — 16 Bulls

This dispersal sale made necessary to settle partnership. Our herd is regarded as one of the outstanding Milking Shorthorn herds in the middlewest today, both from the standpoint of production and breeding. This sale will offer an unusual opportunity for the most particular buyers. There will be 14 cows four years old and over; 11 cows three years old; 9 bred heifers two years old; 9 bred heifers one year old and 6 heifer calves under one year. 15 bull calves, classified very good, by **SUSIE'S MODEL DUKE.** 1 bull calf by **WALPOLE DUKE,** classified excellent. **HERD BULLS—SUSIE'S MODEL DUKE** m1930862, as a calf was 1st at Wisconsin state fair and 2d at the International. Is the sire of outstanding females as well as bulls. Sire, Mountain Duke 3d (17 RM dams.) by Mountain Duke 16 RM dams.) out of Ruby Clay, 3-year avg. 12,992-478 lbs. Dam, Roan Lady Susie, RM 8-834-333 lbs. by Abraham Ratcheldor and out of Lady Susie 2d. **ROBINHOOD COMET,** 1st at the Dairy Congress, Waterloo, Iowa. The catalog which gives the records and breeding of every animal is **FREE** for the asking by writing Peter Parkert, Hooper, Nebr. Kindly mention this publication.

Peter Parkert & Harvey L. Renninger, Owners, Hooper, Nebr.

Auctioneers, Allen & Reeser Walter Kruse, Sale Mgr.

—START SAVING NOW THE EASY U. S. SAVINGS BOND WAY—

BALANCED RATIONS MEAN

Better Growth... Faster Gains... Less Feed...

Scientific tests show grains often lack proteins, minerals and vitamins needed to produce market topping livestock. Get to market ahead of fall rushes for better profits. Investigate the Puritan feeding plan.

MIN-A-LAK is a mineral supplement with all known major and trace minerals.

PURITAN-40 is a rich, 40% protein concentrate with all known and considered essential amino acids.

You nearby Puritan man will gladly tell you about Puritan's feed-let-proved feeding program . . . or write directly to

PURITAN Laboratories, Inc. Des Moines, Iowa

DAISY Cattle Markers

COMPLETE WITH CHAIN. Brass tag for HORNS and neck. Write for folder.

GOLDEN ARROW FARMS
Dept. 25 Huntington, Ind.

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AUCTIONEER

Successful sales for leading breeders, lifetime experience with livestock. Apply early, as I am busy during the season. Rates reasonable. Telephones, Residence 7-3645; Business 3-6181.

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BOCKELMAN AUCTION SCHOOL
1218 FOURTH STREET, SIOUX CITY, IOWA

ABERDEEN ANGUS

THE TREND IS TOWARD ANGUS

Demand for Angus cattle continues at strong, but sound levels. Everywhere the trend is toward the Blacks. Bred for generations for the single purpose of producing top quality beef quickly and economically, Angus are today's modern beef breed. Share in this premium market by breeding and feeding Aberdeen-Angus. Write for free descriptive literature: Dept. WF.

American Aberdeen Angus Breeders' Association. TOMORROW'S BEEF CATTLE TODAY. Chicago 9, Illinois

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62 Registered
ANGUS BULLS AND FEMALES
at auction
MONTEVIDEO, MINNESOTA
SEPTEMBER 24th
by the Minnesota Association. For FREE catalog write to
C. C. CHASE PIPESTONE, MINN.

POLLED HEREFORDS

Polled Hereford Females

13 choice well-bred heifers. Also some cows and a few good BULLS. Richly-bred pleasing type. Reasonable.
AXEL L. JOHNSON MANSON, IOWA

FEED BOW-KEY FEED
DES MOINES • • • • • IOWA.

HEREFORDS

CHOICE HEREFORD BULLS
FOR SALE

I am now offering one yearling bull for sale, sired by Prince Lamplighter, out of a dam by Return Domino W. 32d. Also one good 2-year-old bull by Return Domino and 9 younger bulls. Write or come and see me. Address

D. A. SPOONER MONDAMIN, IOWA

New Low Prices on
HEREFORD CALVES

This is the first time in many months that the price on western calves has been in proper ratio to the price of finished cattle. This means that THIS IS THE TIME TO BUY. We have on hand at all times choice, rugged, healthy white face steer calves, acclimated to Iowa pastures, ready to do well and make money for you. Double vaccinated by Dr. W. A. Moeller, and safeguarded in every way to assure your success. Sorted into uniform, good-looking lots to suit you. RAYMOND DUPRE, Pinecrest Farm, WATERLOO, IOWA. East on Lafayette Street Raymond Road to end of paving, then south 2-3 mile, Highway 297.

DAIRY CATTLE

WISCONSIN DAIRY HEIFERS

Choice heifers out of good producing herds, 300 lbs. and up, one or a carload. HOLSTEINS from 17c to 18c per pound. GUERNSEYS from 16c to 17c per pound. Phone or write.
LINK BROS., Inc., MINONG, WISCONSIN

WISCONSIN DAIRY CALVES

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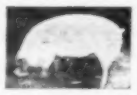

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Polled Shorthorns

Choice bulls by **MISTY VALE COMMANDER** top bull 1943 Ohio State sale and **STARDALE LEGEND** top bull 1947 Boyle sale. Also females mated to **Stardale Legend**. Priced right.
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	Page
DAIRY EQUIPMENT:	
Milk Equipment	34
FARM BUILDINGS AND IMPROVEMENTS:	
Corn Crib Roof Literature	45
Farm Buildings Literature	31
Grain Storage Literature	11, 22, 24, 30, 41, 43, 45, 46
Roof Estimate	31
Poultry Laying House Literature	41
FARM MACHINERY AND SUPPLIES:	
Corn Harvester Literature	31, 43, 44, 45
Electrical Aids Booklet	41
Farm Elevator Literature	16, 31, 43, 45
Feed Mill Literature	22, 30, 45
Fence Literature	39
Grinder Literature	30
Hammermill Literature	46
Hoist Literature	18, 22, 43, 46
Loader Literature	42
Mower Literature	46
Planting Tools Literature	16
Plow Information	42
Scraper Literature	42
Scoop Literature	45
Tractor Seat Information	46
Wagon Box Conveyor Literature	31
Wagon Unloader Literature	44
Wire Reeler Booklet	46
LIVESTOCK FEEDS AND REMEDIES:	
Feeding Literature	21, 26, 55
Mineralized Salt Literature	25
HOMEMAKING:	
Bottle Gas Literature	35
Canning Booklets	37, 40
Freezer Literature	34
Heating Literature	36
NURSERY AND SEEDS:	
Barley Literature	2
Corn Literature	12, 14
MISCELLANEOUS:	
Egg Timetable	39
Elementary Science Booklets	17
Explosives Literature	44
Farm Sanitation Literature	40
Health Booklets	31, 39, 40
Soil Conservation Literature	25
Travel Folder	37
Wood Circular	30

Berkshires To Venezuela

Last month, representatives of the Venezuela Department of Agriculture visited the Plainview Farm herd of Berkshire hogs, owned by Robert Jacobsen, of Hancock, Iowa. They selected 10 head of choice gilts carrying the service of Stylemaker, and three top boars. These were part of 64 head of purebred Berkshires purchased from Iowa breeders. These hogs made up the first load of Berkshires to go to South America. They were put on the train at Marshalltown, July 25, for Houston, Texas, where they were shipped to Cria, Caracas, Venezuela.

Special Notice

Due to Popular Demand all prize winning boars and gilts at the

NATIONAL BARROW SHOW

will be sold at auction at

Austin, Minnesota
Friday, Sept. 16, 1949

8:00 A.M.—Hampshire, Poland China Yorkshire
1:00 P.M.—Berkshire, Duroc and OIC
7:00 P.M.—Tamworth, Hereford and Chester White

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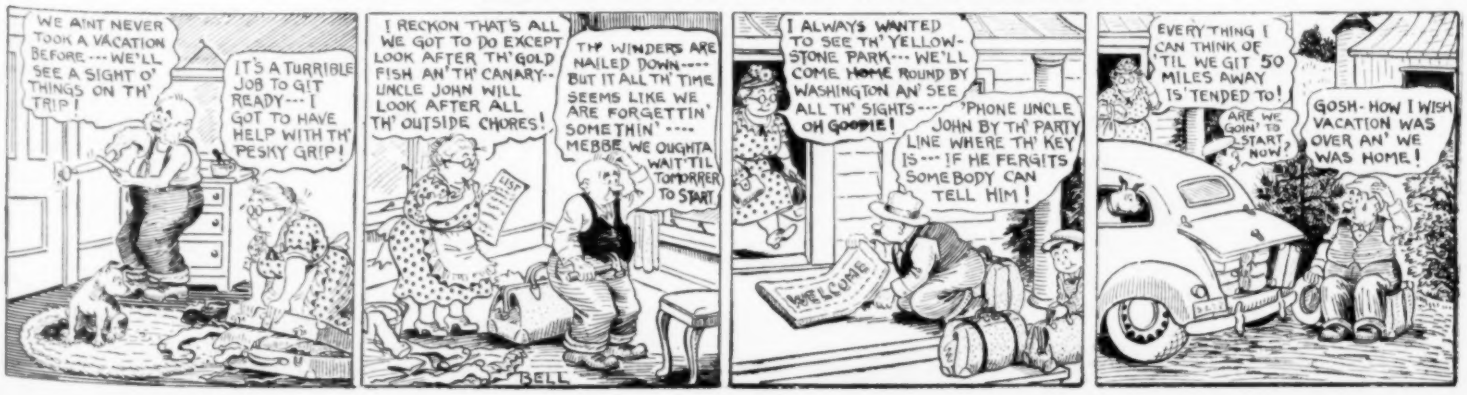

Advertisement

From where I sit ... *by* Joe Marsh

If They're Wild, They Belong To Tik!

Saw Tik Anderson last week and was reminded of the first time I ever spoke to him. The missus had sent me out one Saturday afternoon to hunt for blackberries.

I took a long hike and couldn't find any. Finally, I came to Tik's house along that low stretch east of the fork on River Road. "Hi there," I says, "any blackberries around here?"

Tik says, "Used to be—but I don't know much about wild things." Later, I found how Tik supports his family by picking berries. Ever since, I've been like the rest of the folks in town—respectful of his right not to tell where "his" berries grow.

From where I sit, respecting other folks' rights comes natural in our town . . . in America for that matter! Whether it's the right to enjoy a temperate glass of beer or ale, or whether it's Tik Anderson's right to keep secret where his berries are, it's all a big part of a real democracy!

Joe Marsh

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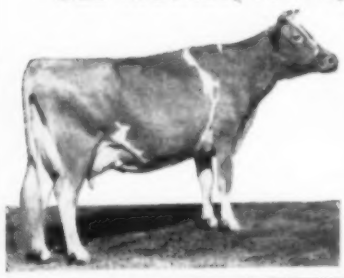
NOOK-DALE GUERNSEY FARM, INC.

COMPLETE DISPERSAL

Sale at farm, located 2 miles west of City on Highway No. 6 and ¼ mile north

DES MOINES, IOWA, TUESDAY, SEPT. 20th



131 HEAD

60 COWS
28 BRED HEIFERS
28 OPEN HEIFERS
15 BULLS

Choice **LANGWATER** Breeding. You will like the type, quality and merit. Plan to attend. Ask now for **FREE** catalog. Kindly mention this publication. Address

R. H. PETERSEN, CLIVE, IOWA

Southwest Iowa Breeders

REGISTERED HOLSTEIN SALE

At Kelsen sale pavilion

Council Bluffs, Iowa, Mon., Sept. 12th

50 HEAD 40 cows and heifers, fresh or springing close. Many with good **D.H.I.A.** or **I.R.** records. **5** service age bulls from dams up to **500-lbs. fat.** Several choice open yearling heifers. **Southwest Iowa Breeders** are cooperating to present top quality cattle for foundation purpose for other Breeders, Dairies and Beginners. **State Institution** Herds at **Clarinda** and **Glenwood,** have furnished the nucleus by consigning 20 first and second calf heifers. One of the best offerings of **State** owned cattle sold in public sale in **20** years. **COME!** Ask for **FREE** catalog. Kindly mention this publication. Address

CLAUDE E. WYLAM, Sale Mgr., WAVERLY, IOWA

SOUTHWEST IOWA HOLSTEIN BREEDERS ASSOCIATION
Lawrence Mark, Secretary, Council Bluffs, Iowa

AYRSHIRE AUCTION

At Farm
GRINNELL, IOWA
WEDNESDAY, SEPT. 14th
Starts 12:30 P. M.—Lunch Available

27 Bred Heifers — 7 Heifer Calves

A nice lot of heifers, due to start calving soon . . . Dams of several classified **"VERY GOOD"** and **"EXCELLENT."** Dams' records as high as **13,851** lbs. milk, **507** lbs. fat in 305 days 2X milking. Two granddaughters of **BAKER FARM REQUESTED STAR, "EXCELLENT"** with 2X 305 day record **14,598** lbs. milk, 606 fat. Mostly granddaughters of **APPROVED** sire and Dams. Will be **T.B.** and **BLOOD** tested within 30 days of sale. Ask for **FREE** catalog. Kindly mention this publication. Address

PINE CREST FARM GRINNELL, IOWA

PINE CREST BRED HEIFERS

Quality Spotted Polands

Sale at farm, 6 miles south, ½ mile west of Lenox and north of

CONWAY, IOWA, FRI., OCT. 14

NIGHT SALE—7:30 P. M.

A grand offering of top boars and choice gilts, the tops from 160 head of spring pigs. We believe it to be the most outstanding offering we have ever sold. They are sired by **TODAY'S VIGOR,** one of the greatest boars of the breed and **STAR LAD** and out of one of the top sow herds in the state. This offering will be a meat type with that length and smoothness that also makes a fast maturing hog for market use. Write for free catalog. Kindly mention this publication. Address

LYLE STOAKS, CONWAY, IOWA

3,000 Iowa Farmers
Have Farmers Hybrid Pigs This Year

Mate your sows or gilts with a FARMERS HYBRID Boar and raise hybrid pigs that—

1. **Are stronger at birth (hybrid vigor).**
2. **Gain faster.**
3. **Have more meat and less lard.**

NOW is the time to reserve a FARMERS HYBRID Boar for delivery this fall. They are going fast. See our local sales service man or write immediately to

Farmers Hybrid Hogs

HAMPTON, IOWA

First Commercial Producers of Hybrid Hogs

3rd ANNUAL

HARRISON COUNTY

Angus Breeders' Sale

At Northwest Missouri State Fair grounds

BETHANY, MISSOURI,
SAT., SEPT. 24th

54 HEAD—4 Good Bulls—50 Desirable Females

A good useful lot of well bred cattle selected from 10 leading herds. Many cows with big lusty calves at foot sold right off of pasture in their working clothes, a few bred cows and heifers and some open heifers. The 4 bulls are herd heading prospects. The consignors are **S. H. STANLEY,** Gentry; **DANIEL G. GATES,** Jamesport; **DON THOMPSON,** Bethany; **WILBUR COLE,** Bethany; **WAYNE BAXTER,** Blythedale; **T. B. WHITE,** Blythedale; **HALE THOMPSON,** Hatfield; **HARRY SHEETS,** Eagleville; **VORIS BROWN,** Blythedale; and **DR. O. F. DUFFY,** Trenton, Mo. The families include **BALLINDALLOCH GEORGIA, McHENRY BARBARA, MISS BURGESS, JUANA, ERICA, PRIDES, BLACKBIRDS and BLACKCAPS.** Best in breeding **COME.** Ask for **FREE** catalog. Kindly mention this publication. Address

HARRY R. SHEETS, Sale Mgr., EAGLEVILLE, MO.

Hereford Dispersal

Located only 50 miles south of Creston, Iowa, at Grant City sale pavilion

GRANT CITY, MISSOURI, SEPT. 8th

125 HEAD

40 Young Cows with Calves at side
15 Two Year Old Bred Heifers
15 Attractive Open Heifers
15 High Grade Yearling Steers

The **FRED MICHEL,** Grant City, Mo. Herd of Registered Herefords will be sold without reserve. A wealth of **HAZLETT** and **REAL PRINCE DOMINO** breeding, through these two sires: **BEAUTY BOCALDO 3rd,** grandson of Hazford Tone 74th, a top bull in Iowa' 1941 sale and **PREMIER DOMINO 3rd,** grandson of Real Prince Domino 33rd. He was an outstanding sire, his progeny in many prominent Mid-West herds. Good young cows with calves at side. 15 desirable 2 year old heifers bred to **PREMIER DOMINO 3rd.** Cattle sold off of grass in breeding condition. Bargains are in store. All **T.B.** and **BANGS'** tested. Ask now for **FREE** catalog. Kindly mention this publication. Address

DONALD J. BOWMAN, Sale Mgr., HAMILTON, MISSOURI

Auctioneers Fred Chandler and C. Dawson.

DUROC SALE

At farm, on rock road, 3 miles south of

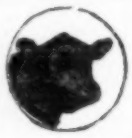
FARRAGUT, IOWA
SEPTEMBER 19, 1949

NIGHT SALE, 7:30 P. M.

65 High Class Boars and Gilts

A great offering selected from a large number, mostly sired by **MODEL TRIUMPH 2d,** a winner at Missouri State Fair last year. Others by **MARKET BLOCK** and **SPOT LIGHT.** I believe I have the kind of hogs that will make money for the farmer or the breeder. They are the kind that have width, depth of body, feeding quality and the ability to produce pork in the shortest possible time. Write at once for free catalog. Kindly mention this publication. Address

OLIVER BRICKER, FARRAGUT, IOWA



DISPERSION SALE

POSTMERE ANGUS HERD

Sale pavilion located south edge of City

IOWA CITY, FRIDAY, SEPTEMBER 23rd

30 COWS WITH CALVES AT FOOT — 3 BULLS
20 CALVES SUITABLE FOR CLUB CALVES
10 ATTRACTIVE OPEN HEIFERS

A choice herd rich in breeding . . . the sort to make a profit. Highest mixed load of yearlings ever sold on Chicago open market, were sired by a bull from this herd . . . out of one of my cows. **POSTMERE 9th, "OLD GOLD"** International grand champion steer was sired by **POSTMERE.** Young cattle will make foundation herd cows or herd sires. All rich in blood of my famous **POSTMERE.** Past 30 years purchasers of my cattle have made handsome **PROFITS.** Plan to **ATTEND.** Ask for **FREE** catalog, it tells the story. Kindly mention this publication. Address

W. J. HANSON, HOLBROOK, IOWA

Coming Livestock Sales

ABERDEEN ANGUS

Sept. 3—Good Earth Stock Farm, Joe Keshner, New Florence, Mo.
Sept. 6—Dispersion. Alvin Sunderman, Clarinda, Iowa.
Sept. 7—Dispersion. R. J. Teachout Estate, Shenandoah, Iowa. Mrs. R. J. Teachout, Admx.
Sept. 15—Dispersion. James W. Barkley, Lucerne, Mo.; sale at Unionville, Mo.
Sept. 19—Central Iowa Breeders, Marshalltown, Iowa; Clair G. Mason, Secy.
Sept. 21—Central Illinois Breeders, Congerville, Ill.; S. E. Lantz, Secy.
Sept. 22—Leslie Oliver, Williamsburg, Iowa; J. B. McCorkle, Mgr., 3710 A. I. U. Bldg., Columbus, Ohio.
Sept. 23—Dispersion. W. J. Hanson, Holbrook, Iowa; sale at Iowa City.
Sept. 23—Floyd Grimm, Grand River, Iowa; sale at Mt. Ayr, Iowa.
Sept. 24—Harrison County, Missouri Breeders; Harry Sheets, Mgr., Eagleville, Mo.; sale at Bethany, Mo.
Sept. 24—Minnesota Angus Assn., Montevideo, Minn.; C. C. Chase, Mgr., Pipestone, Minn.
Sept. 26—Wisconsin State Sale, Lancaster, Wis.; J. C. Perrin, Secy., Bloomington, Wis.
Sept. 30—Northeast Missouri Breeders, Memphis, Mo.; W. R. Dierks, Secy.
Oct. 1—H. Ward Benson, Milton, Iowa.
Oct. 8—Mercer County Breeders, Aledo, Ill.; Hugh McWhorter, Sale Mgr.
Oct. 10—Interstate Aberdeen Angus Assn. Sale, Sioux City, Iowa; P. K. Pratt, Secy. and Mgr., Walnut, Iowa.
Oct. 11—Botna Valley Breeders Assn.; sale at Atlantic, Iowa; J. E. Amdor, Mgr., Massena, Iowa.
Oct. 12—Dispersion Sale. Whittum & Herkelman, Stuart, Iowa.
Oct. 21—H. V. Hulegard (Dispersion), Rochelle, Ill.
Nov. 7—Dispersion. C. C. Pickrell & Sons, Chariton, Iowa.
Nov. 14—Archer, Catterson and Evans; sale at Maryville, Mo.; Leo Archer, Mgr., Conception Junction, Mo.

HEREFORDS

Sept. 8—Fred Michel (Dispersion), Grant City, Mo.; Don J. Bowman, Sale Mgr., Hamilton, Mo.
Sept. 9—Reeves (Dispersion), Pollock, Mo.; Don J. Bowman, Mgr., Hamilton, Mo.
Sept. 10—Etnyre Hereford Farms, Oregon, Ill.
Sept. 15—Denison Hereford Sale, Denison, Iowa; Harvey Johnson, Mgr., Exira, Iowa.
Sept. 19—Illinois Hereford Breeders Futurity Show and Sale, Princeton, Ill.; E. Glenn Ash, Secy., Harristown, Ill.
Sept. 21—J. E. Cipra, Cromwell, Iowa; sale at Creston, Iowa.
Sept. 28—Wiese Bros., Donohoe, Iowa.
Sept. 28—L. C. Larsen & Sons, Hamlin, Iowa; sale at Audubon, Iowa.
Oct. 4-5—Sioux City, Iowa, Hereford Cattle Breeders Show and Sale; F. W. Ketelsen, Secy., Early, Iowa.
Oct. 8—T. G. Murray, Oxford Jct., Iowa.
Oct. 10—Glen & Lorren Burr, West Liberty, Iowa.
Oct. 11—Bianchi Hereford Ranch, Macon, Mo.
Oct. 13—Creston Hereford Breeders, at Orient, Iowa; Lloyd H. Woods, Mgr., Creston, Iowa.
Oct. 15—Dispersion. A. M. & D. M. McDonald, Delhi, Iowa.
Oct. 21—Marion County Hereford Breeders Assn.; Walter L. Brown, Mgr., Knoxville, Iowa.
Oct. 28—Northeast Missouri Association, Memphis, Mo.; Geo. E. Leslie, Jr., Secy.
Nov. 26—Dan and Earl Schobert, Papillion, Neb.; sale at Sioux City, Iowa.

POLLED HEREFORDS

Sept. 26—Dispersion. Chas. Hart & Son, Conway, Iowa; sale at Lenox, Iowa.
Oct. 13—Werner Hereford Farms, San Jose, Ill.
Oct. 26—Hervale Farms, Leland W. Herman, Wayne, Neb.

SHORTHORNS

Sept. 13—Dispersion. Ray D. Nickle, Clearfield, Iowa; sale at Bedford, Iowa; Roy A. Gilman, Sale Mgr., Stuart, Iowa.
Sept. 16—Earl Theesfield, Armstrong, Iowa.
Sept. 20—Western Illinois Assn., Colchester, Ill.; Don Longley, Mgr., 16 S. Locust St., Aurora, Ill.
Sept. 23—G. J. Shutler (Dispersion), Woden, Ia.
Sept. 24—Minnesota State Sale, Marshall, Minn.; N. T. Finsdahl, Mgr., Waterville, Minn.
Sept. 26—Southwest Iowa Breeders, Red Oak, Iowa; Roy A. Gilman, Sale Mgr., Stuart, Iowa.
Sept. 27—Marshall County Breeders Assn., Marshalltown, Iowa; Geo. H. Lewis, R. 1, Mgr.
Sept. 29—Nicholas Cassens, Sigourney, Iowa.
Sept. 29—P. A. Rasmussen & Sons, Goldfield, Iowa; sale at Humboldt, Iowa; Merv Aegerter, Sale Mgr., Seward, Neb.
Sept. 30—Dispersion. Robert Wright, Carroll, Iowa; Merv Aegerter, Sale Mgr., Seward, Neb.
Oct. 1—Swenson Bros., Estherville, Iowa; Merv Aegerter, Sale Mgr., Seward, Neb.
Oct. 3—Northwest Missouri Breeders, Rockport, Mo.; James Meyer, Mgr., Maryville, Mo.
Oct. 7—Breeders Sale, Abingdon, Ill.; Hal Longley, Mgr., 16 S. Locust St., Aurora, Ill.
Oct. 12—Fred Rothlisberger & Son, Elgin, Iowa; S. Davis & Son, Wadena, Iowa, and Ted Whitford & Son, Volga, Iowa.
Oct. 19—American Royal Sale, Kansas City, Mo.
Oct. 25—Eastern Iowa Breeders, Cedar Rapids, Iowa; Albert J. Hamann, Mgr., Rock Rapids, Ia.
Oct. 26—Carl Retzlaff, Walton, Neb.; Merv Aegerter, Sale Mgr., Seward, Neb.
Nov. 12—Central States Sale, Oskaloosa, Iowa; C. E. Stewart, Mgr., Rose Hill, Iowa.
Dec. 2—W. P. Lorenzen, Pilot Mound, Iowa; sale at Ogden, Iowa; Merv Aegerter, Sale Mgr., Seward, Neb.

4-H SHORTHORN STEERS, HEIFERS

Oct. 8—Otto Thiele & Sons, Burton, Neb.; sale at Cherokee, Iowa.

POLLED SHORTHORNS

Sept. 20—Western Illinois Assn., Colchester, Ill.; Don Longley, Mgr., 16 S. Locust St., Aurora, Ill.
Oct. 4—Sioux Empire Show and Sale, Sioux Falls, S. D.; John F. White, Mgr.
Oct. 5—Iowa Polled Shorthorn Club, Inc., Show and Sale, Des Moines, Iowa; Earl S. Girton, Mgr., Box 282, Marshalltown, Iowa.
Oct. 6—Albert Hultine & Sons' 50th Anniversary Sale, Saronville, Neb.; sale at Lincoln, Neb.; Merv F. Aegerter, Sale Mgr., Seward, Neb.
Oct. 8—Illinois State Sale, Normal, Ill.; Hal Longley, Mgr., 16 S. Locust St., Aurora, Ill.
Oct. 24—Missouri State Sale, Sedalia, Mo.; Rollo Singleton, Secy., Columbia, Mo.

MILKING SHORTHORNS

Sept. 20—Iowa State Sale, Des Moines, Iowa; F. A. Mitchell, Secy., Reinbeck, Iowa.
Sept. 26—Dissolution Sale. Parkmoor Farms, Hooper, Neb.; sale at Fremont, Neb.
Oct. 15—Dispersion. Roy L. Waterhouse, Stanley, Iowa; sale at Mason City, Iowa; Roy A. Cook, Sale Mgr., Independence, Iowa.
Oct. 19—Minnesota State Sale, Mankato, Minn.; R. E. Hodgson, Secy., Waseca, Minn.

DAIRY CATTLE

Sept. 8—H. D. Tudor & E. G. Ealton (Jerseys), Rowan, Iowa; Ivan N. Gates, Sale Mgr., West Liberty, Iowa.
Sept. 7—H. H. Miller (Guernsey Dispersal), Peoria, Ill.; L. E. Dennis, Sr., Mgr., Farmington, Ill.
Sept. 12—Southwest Iowa Holstein Breeders, Council Bluffs, Iowa; Claude E. Wylam, Sale Mgr., Waverly, Iowa.
Sept. 14—Pine Crest Farm (Ayrshires), Grinnell, Iowa; Myron and Richard Sears.
Sept. 16—Iowa State Sale, Waterloo, Iowa (Jerseys); Ivan N. Gates, Sale Mgr., West Liberty, Iowa.
Sept. 20—Guernsey Dispersion. Nook-Dale Farm, Clive, Iowa; R. H. Petersen, Mgr.

LIVESTOCK FIELDMEN

M. T. WHITE, 604 No. Fortieth St., Omaha, Nebraska. Phone Walnut 1056.
J. E. HALSEY, 1912 Grand Ave., Des Moines.
M. W. BONEY, Box 740, Storm Lake, Iowa; Phone 970-R.

We publish the FIRST and THIRD Saturday of every month. Copy for livestock advertising must reach our office FIFTEEN days before date of issue.

Around the Farm AND IN THE Feed Lot

by E. A. KELLOWAY

SCHOOL DAYS are here again. Children started trudging to classes and mothers and dads started worrying about careless, speedy drivers when school bells started ringing in some areas this week. Every one of us has a responsibility in helping protect those youngsters. Let's see that school signs are up and are observed, and let's remind every motorist to be more careful when youngsters are on their way to and from school.

KEEP TAB on your cost of gain with beef cattle says Rex Beresford, Iowa State College extension animal husbandman. Carefully planned feeding often makes the difference between profit and loss. Cheapest gains are made in early part of feeding period. Tests with beef calves at ISC show that twice as much feed was needed to put on a pound of gain when calves weighed 900 pounds, as was required when they first went on feed. Providing Walnut Grove Minerals has also helped many feeders realize greater profits.

RIGHT OVER the line from Northern Iowa, in Martin county, Minnesota, Walnut Grove Minerals have found a place in the feeding plans of many of the best livestock men in that community. Some of our customers there include Art Goerndt, Elliott Dickinson, Eldon Ringiesen, L. Anderson, John Holstrom and Ray Lyons. This business is handled for us by our representative in that territory, Julius Erickson, of Granada, Minn.

HITTING THE JACKPOT is about the best way to describe the achievement of Tom Dougherty, former state rural youth president, in the Monroe county plowing match recently. Tom entered both the level land and contour contests, and was victor in each division. Dougherty is now one of 40 top plowmen from some 10 different states scheduled to compete in the State and National Plowing Matches to be held in conjunction with the National Soil Conservation Day, near Runnells, September 14 and 15.

FINEST RECOMMENDATION for any merchandise is that it has quality and brings money or satisfaction to those using it. Walnut Grove Mineral is that kind of merchandise—has been since it was first made 30 years ago, and will continue to be as long as livestock is raised. In Clayton county, Iowa, where Walnut Grove has been fed for years, we find on our customer list, among many others, Andrew Elsinger, Krause Bros., Tony Gerner, John Rhodes, Henry Bockenstedt, Tony Nieland and Ferdy Thiese. These customers receive our service through our salesman in that territory, Gregory Kann, of Guttenberg, Iowa.

PROPER HOUSING of pullets can make quite a difference in the year's total egg returns. Early hatched chicks ought to be in their new quarters by this time, and others will need to be housed soon in order to get the maximum fall and winter production. Thorough cleaning and disinfecting, as well as necessary repairing work, ought to be done before moving the pullets in. Giving the birds a clean, comfortable home and providing adequate feed, water and minerals, will result in pullets "shelling out" the eggs.

HOG MARKETING problems seem almost inevitable this fall. Virtually every observer expects the peak of marketings to be reached earlier than usual. Spring pig numbers were up considerably this year. Moreover, with many farrowings earlier, and with feed supplies ample on most farms, the porkers have been pushed right along. It may be a good idea to market at lighter weights this fall, especially in view of the present poor demand for lard.

WE DON'T MEAN to pose as experts in women's work, but the number of home canning accidents occurring this summer has been alarming, so here are National Safety Council suggestions. Oven canning work often results in explosions that may mean painful or even fatal injuries. Pressure canning is urged for low-acid vegetables, meat and poultry, while hot water canning is suggested for fruits and tomatoes. Open kettle methods are urged for putting up preserves and pickles.

ALTHO THE 1949 corn crop might not be as great as some July prospects indicated, there will still be quite an enormous storage problem this fall. Much 1948 corn will be resealed, which means utilization of most of the extra storage and crib space built the past year. Great emphasis has been put on off-the-farm storage for several months, but what we need most of all is more cribs, temporary or otherwise, right on the farm, so we can provide a satisfactory home for all that golden grain to be harvested soon.

ONE OUTSTANDING feature of Walnut Grove Mineral is that it will fit into any feed plan. In other words, it is palatable. This is advantageous to the farmer or livestock man who sometimes has to change his feeding plan and always wants to do so without upsetting his livestock. Men of Fayette county, Iowa, among many others who use Walnut Grove in their feeding rations, include Jack Erickson, Marvin Johnson, Frank Johnson, Nick Graves, Herbert Ash, Art Parkinson, and Miehe & Wilkinson. Our representative in this territory, who looks after this busines for us, is William Ponsar, of Fayette.

MULTIPLE CROP INSURANCE may not be so far away. Recent action in Washington foresees a comprehensive government crop insurance plan for farms where diversification is the rule. The contract for such insurance would be farm-wide in scope. In addition, consideration is now being given for research into livestock insurance. Looks like additional all-inclusive farm protection is in the making.

PLOWING is often considered a kind of dull job, but Robert Eagle, Washington, Ind., farmer, found it pretty exciting not long ago. Moving methodically across a field, watching the freshly-turned earth, he suddenly saw a billfold he, himself, had lost four years ago in the same field. Eagle was pretty happy to recover the lost article, as it contained a thousand dollars, still recognizable and redeemable. There was something else in the billfold he discarded in a hurry, however. It was a book of war-time ration stamps.

Coming Livestock Sales

(CONTINUED)

DAIRY CATTLE (Continued)

Sept. 21—Twenty-third Annual Guernsey Sale, Wellman, Iowa; Truman Erb, Mgr.
Oct. 17—Iowa Holstein State Sale, Waterloo, Iowa; Dallas V. McGinnis, Secy., 912 Waterloo Bldg.
Oct. 24—Alfred Paper (Holstein Dispersion), Stockton, Iowa; sale at Davenport, Iowa; A. W. Peterson, Sale Mgr., Oconomowoc, Wis.
Oct. 28—Merry Acres Jersey Dispersion. O. T. Wilson, Mt. Pleasant, Iowa; Ivan N. Gates, Sale Mgr., West Liberty, Iowa.
Oct. 31-Nov. 1—Maytag Farms, Newton, Iowa; Dispersion Sale at Des Moines, Iowa; A. W. Petersen, Sale Mgr., Oconomowoc, Wis.

FEEDER CATTLE

Sept. 8—Oswald Strand & Sons, Manly, Iowa.

FEEDER CALVES

Oct. 10—Central Missouri Sales, Fayette, Mo.
Oct. 11—Central Missouri Sales, Columbia, Mo.
Oct. 13—Central Missouri Sales, Montgomery City, Mo.

BERKSHIRES

Oct. 17—Milo Wolrab, Mt. Vernon, Iowa.

CHESTER WHITES

Sept. 27—Dispersion. Henry Jurgensen, Olin, Iowa.
Sept. 29—Night Sale at Primghar, Iowa. Clarence Smith, Jr., Primghar, Iowa, and Ben Zishka, Spencer, Iowa.
Oct. 5—Nick Terpstra & Sons, New Sharon, Iowa.
Oct. 7—Night Sale. Ted Trowbridge, Marshalltown, Iowa.
Oct. 10—Joe Madden, Maryville, Mo.
Oct. 14—Night Sale. McBride Farms, Panora, Iowa.
Oct. 14—R. A. Riemenschneider, Kingsley, Iowa.
Oct. 18—Night Sale. Westcott Bros., Denison, Iowa.
Oct. 21—C. T. Keen & Sons, Legrand, Iowa.
Oct. 21—Night Sale. Wills & Vust, Sibley, Iowa.

DUROC JERSEYS

Sept. 19—Night Sale. Oliver Bricker, Farragut, Iowa.
Oct. 1—White Cap Farms, Verl Ringgenberg, Mgr., Box 501, Storm Lake, Iowa.
Oct. 3—Night Sale. Carl Hebner, Goldfield, Ia.
Oct. 3—Night Sale. Pearson Stock Farm, Radcliffe, Iowa.
Oct. 4—Klein & Neubauer, Iowa Falls, Iowa.
Oct. 5—Gregor F. Vaske & Sons, Dyersville, Iowa.
Oct. 7—Harold C. Timm, Muscatine, Iowa.
Oct. 8—Knotek Bros., Riverside, Iowa.
Oct. 10—Juhl Bros., Luverne, Minn.
Oct. 11—Bert Broek & Sons, Sioux Center, Iowa.
Oct. 19—Bert Miller, Lisbon, Iowa.
Oct. 20—W. H. Helmke & Sons, Renwick, Iowa.
Oct. 22—Night Sale. S. C. Schtaze, Eagle Grove, Iowa.

HAMPSHIRES

Oct. 8—Emery Riemenschneider, Pierson, Iowa.
Oct. 10—O. W. Jones & Son, Ute, Iowa.
Oct. 10—Night Sale. Franz Bros., Grand Junction, Iowa.
Oct. 14—Raymond Daggett, Conrad, Iowa, and Howard Soorholtz & Son, Melbourne, Iowa; sale at Marshalltown, Iowa.
Oct. 19—Fred Michaelson, Ida Grove, Iowa.
Oct. 28—Night Sale. Maurice Weitz, Webster City, Iowa.
Oct. 29—Night Sale. Cecil Wilson, Lennox, Iowa.

HEREFORD HOGS

Oct. 11—National Show and Sale, Marshalltown, Iowa; Harris Sellers, Jr., Secy., Chariton, Iowa.

POLAND CHINAS

Sept. 27—Night Sale. O. J. Hess, Worthington, Iowa.
Sept. 28—J. J. Huber, Coggon, Iowa, and John Sunnie, Ryan, Iowa.
Oct. 6—Night Sale. Vernon Kvale, Beaver Creek, Minn.
Oct. 7—Helgens Bros., Monticello, Iowa.
Oct. 11—Eugene Dugan, Storm Lake, Iowa.
Oct. 11—Night Sale. K. L. Burg, Ruthven, Iowa.
Oct. 11—Leo Hay, Anamosa, Iowa, and Edw. C. Forest & Sons, Mt. Vernon, Iowa; sale at Mt. Vernon, Iowa.
Oct. 12—Night Sale. Walter H. Busse, Oakland, Iowa.
Oct. 24—Night Sale. Louis H. Reilly, Lone Rock, Iowa; sale at Algona, Iowa.
Oct. 26—Night Sale. F. L. McKay, Ida Grove, Iowa.

SPOTTED POLAND CHINAS

Sept. 27—Nelson & Paulsen, Blair, Neb.
Sept. 29—Nicholas Cassens, Sigourney, Iowa.
Oct. 3—John Clausen & Son, R. 3, Davenport, Iowa.
Oct. 4—R. V. Bunting & Son, Corning, Iowa.
Oct. 5—Julius F. Rothe, Rock Rapids, Iowa.
Oct. 6—F. L. Jackson & Sons, Lytton, Iowa; sale at Sac City, Iowa.
Oct. 7—Karl F. Carlson, Lakefield, Minn.; sale at Spencer, Iowa.
Oct. 7—Night Sale. Fred Goodchild & Sons, Mallard, Iowa.
Oct. 8—Albert Kremer, Lake Lillian, Minn.
Oct. 10—Night Sale. Carl Hebner, Goldfield, Iowa.
Oct. 11—Night Sale. Gerritt Kempers & Son, Hull, Iowa.
Oct. 12—A. J. Anderson & Sons, Kellogg, Iowa.
Oct. 14—Lyle Stokes, Conway, Iowa.
Oct. 17—Night Sale. Leland B. Dellinger, Shell Rock, Iowa; sale at Waverly, Iowa.
Oct. 18—Night Sale. Harvey C. Larsen, Elk Horn, Iowa; sale at Harlan, Iowa.
Oct. 19—Night Sale. Fitzgerald Bros., Boone, Ia.
Oct. 21—Night Sale. Clifford Pitstick, Jolley, Iowa; sale at Sac City, Iowa.
Oct. 25—Night Sale. Norris Voge, Walnut, Iowa; sale at Harlan, Iowa.
Oct. 26—McElroy Bros., Afton, Iowa.
Nov. 10—Night Sale. R. A. Faber & Sons, Moravia, Iowa.

YORKSHIRES

Oct. 1—Night Sale. Yalehurst Farm, Peoria, Ill.
Oct. 4—Merritt B. Cook, Nemaha, Iowa.

SHEEP

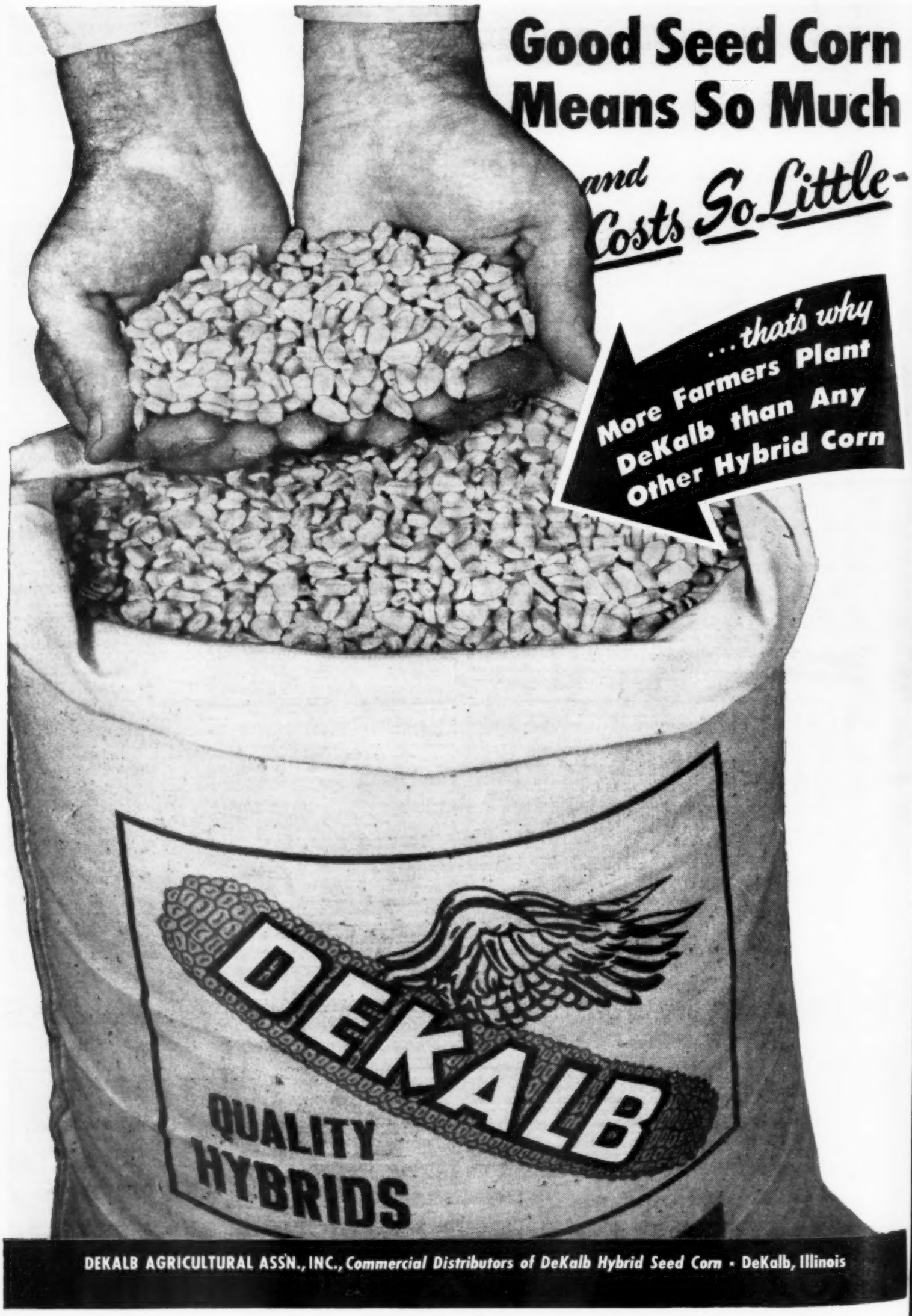
Sept. 12—Southwest Iowa Purebred Breeders Ram Sale, Orient, Iowa.
Sept. 19—W. F. Renk & Sons (Shropshire Dispersion), Sun Prairie, Wis.
Sept. 19—Mahaska Purebred Sheep Breeders Ram Sale, Oskaloosa, Iowa; Wilbur Colville, Secy., Cedar, Iowa.
Oct. 26—Dakota-Minnesota Breeders Assn. (Columbias), Watertown, S. D.; E. M. Gregory, Mgr., 701 Black Bldg., Fargo, N. D.

Shorthorn Field Day

The South-Central Iowa Shorthorn Breeders' annual field day, was held at the fair grounds, Indianola, Iowa, August 1. About 200 were in attendance. Wm. Imlau, fieldman for the Iowa Beef Producers Association, gave a very interesting type demonstration, and pointed out the various cuts of beef on the rail. Following that was a weight-guessing contest and also a judging contest. Breeders in this section produce some of the finest Shorthorn cattle in Iowa, and will plan for a good spring auction, the place to be determined later.

Angus Field Day

The Southern Iowa Angus Breeders' field day, at Harken Farm, Osceola, Iowa, August 11, brought out almost 1,000 in attendance. They had a judging contest, and the official placings were ably made by J. C. Holbert, Washington, Iowa. In the afternoon, Wm. Imlau, secretary of the Iowa Beef Producers Association, put on a fine type demonstration. Speakers included Gov. Wm. S. Beardsley; Frank Richards, secretary of the American Angus Association, and J. C. Penney, all of whom made wonderful talks.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